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# THESIS

APPLYING RESOURCE BASED RELATIVE VALUE  
SCALES (RBRVS) TO THE CHAMPUS PROGRAM

by

Graham D. Innins

December 1990

Thesis Advisor

Richard Doyle

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**Applying Resource Based Relative Value Scales (RBRVS)  
to the CHAMPUS Program**

**by**

**Graham D. Innins  
Lieutenant, Medical Service Corps, United States Navy  
B.S., University of Tennessee, 1980**

**Submitted in partial fulfillment  
of the requirements for the degree of**

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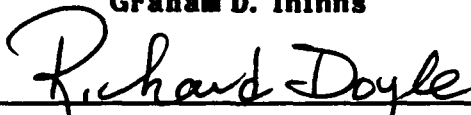
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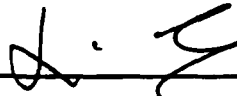
**Approved by:**



**Richard Doyle, Thesis Advisor**



**William R. Gates, Second Reader**



**David R. Whipple, Chairman  
Department of Administrative Sciences**

# **ABSTRACT**

Resource Based Relative Value Scales (RBRVS) is a concept originating from the Harvard University School of Public Health which breaks procedures performed by physicians into components of work, training costs, and practice costs. The Medicare program is planning to implement a fee schedule based on RBRVS during fiscal year 1992 which will make some significant changes in medical care in the U.S. This thesis examines the applicability of RBRVS to the Civilian Health and Medical Program for the Uniformed Services (CHAMPUS) program.

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## TABLE OF CONTENTS

I.	INTRODUCTION . . . . .	1
	A. BACKGROUND . . . . .	1
	B. OBJECTIVES OF THE RESEARCH . . . . .	3
	C. RESEARCH QUESTIONS . . . . .	4
	D. SCOPE . . . . .	4
	E. METHODOLOGY . . . . .	5
	F. ORGANIZATION OF THE THESIS . . . . .	6
II.	BACKGROUND . . . . .	8
	A. CHAPTER OVERVIEW . . . . .	8
	B. THE CHAMPUS PROGRAM AND ITS PROBLEMS . . . . .	8
	C. COST CONTAINMENT . . . . .	9
	D. FEDERAL POLICY HIGHLIGHTS . . . . .	12
	E. THE HARVARD STUDY . . . . .	13
	F. EFFECTS OF RBRVS . . . . .	14
III.	THE CHAMPUS SYSTEM . . . . .	17
	A. BACKGROUND . . . . .	17
	B. THE CHAMPUS REFORM INITIATIVE . . . . .	18
IV.	METHODOLOGY . . . . .	20
	A. DATA SOURCES . . . . .	20
	B. OCHAMPUS DATA . . . . .	20
	C. THE PHYSICIAN PAYMENT REVIEW COMMISSION DATA . . . . .	23
	D. DATA ANALYSIS TECHNIQUES . . . . .	24

E. COLUMN DESCRIPTIONS . . . . .	25
V. DISCUSSION AND ANALYSIS . . . . .	28
A. CHAPTER OVERVIEW . . . . .	28
B. ANALYSIS . . . . .	28
C. IMPLICATIONS . . . . .	31
VI. CONCLUSIONS AND RECOMMENDATIONS . . . . .	34
A. OVERVIEW . . . . .	34
B. CONCLUSIONS . . . . .	35
C. RECOMMENDATIONS . . . . .	36
APPENDIX A . . . . .	37
APPENDIX B . . . . .	43
APPENDIX C . . . . .	44
LIST OF REFERENCES . . . . .	64
INITIAL DISTRIBUTION LIST . . . . .	65

## **I. INTRODUCTION**

### **A. BACKGROUND**

CHAMPUS is the Civilian Health and Medical Program for the Uniformed Services, a DOD program for reimbursing individuals and health care providers for services provided for dependents and retirees. When existing military hospitals and clinics cannot handle all patients needing to be seen, the CHAMPUS program acts in a similar manner as a private health insurance program, covering most of the costs of sending these beneficiaries to private physicians in the community. Beneficiaries of active duty members are responsible for paying 20% of the charges and beneficiaries of retirees pay 25%. Active duty members of the Department of Defense are not eligible for care reimbursable under the CHAMPUS program.

During the past ten years, the CHAMPUS budget has grown significantly as a result of several factors. First, there has been a rise in expenditures across the nation for health care services. These expenditures have grown excessively when compared to the general level of inflation, as both labor and technology costs associated with medical care have accelerated. Secondly, the Department of Defense has undergone a significant expansion under the Reagan administration, resulting in a greater number of service personnel whose health is the responsibility of the military.

The number of personnel in uniform in 1980 was approximately 2,036,600; by 1989 there were 2,152,000.<sup>1</sup> Also, there has been a changing demographic trend seen within the military during this time period. Service personnel are entering the service with dependents in greater numbers than in previous periods. In 1981, for example, 40.8 percent of the enlisted personnel in the Navy were married. By 1985, 47.4 percent were married, representing a 16.2 percent increase in the married population. During this same period, married enlisted personnel in the Army and the Marine Corps increased 29 and 22 percent respectively.[Ref. 1] These additional dependents, generally spouses in their childbearing years and children, have a significant need for health care services. This need exceeds the capacity of available military treatment facilities.

The size of the CHAMPUS budget for the Department of the Navy has exceeded expectations each year for the past several years.<sup>2</sup> This trend will likely continue into the future, unless improved controls over access to private medical care are implemented and cost containing measures are adopted. In doing so, the Department of Defense must ensure that quality of care and availability are maintained at the highest possible standards.

The federal government has experienced similar problems

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<sup>1</sup>. Defense Manpower Data Center, 18 October 1990

<sup>2</sup>. *ibid.*



with the growth of the Medicare budget. In an attempt to slow the future growth of Medicare, a study was commissioned to attempt to match payments to physicians for services to the cost of the input resources required to provide those services. The result is a concept called Resource Based Relative Value Scales (RBRVS). These scales will provide the numerical components necessary to base physician payment fee schedules on the cost of input resources.

#### **B. OBJECTIVES OF THE RESEARCH**

In the past 15 years, the rate of spending on medical care in this country has been increasing at a rate which has consistently outpaced, by several points, the general inflation rate.[Ref. 2:p. 11] This thesis proposes to assess the prospects for savings to the Department of Defense, within the CHAMPUS budget, by applying a RBRVS fee schedule to the current method of paying allowed charges per procedure. If this approach to CHAMPUS funding merely contained growth in real terms, it would be a significant finding.

Based on the above, the objectives of this research are:

1. To examine the possibility of applying the proposed Medicare Resource Based Relative Value Scales (RBRVS) to the CHAMPUS budget for medical care and identify cost savings which may be realized.
2. Determine the extent to which the Medicare fee schedules can be applied to the CHAMPUS program and determine if enough similarities exist for direct application.

### **C. RESEARCH QUESTIONS**

The primary research question is: Can Medicare Resource Based Relative Value Scales be applied to the CHAMPUS budget?

A subsidiary question is:

1. How much money would be saved in the DOD CHAMPUS budget if RBRVS were applied to the fee schedule.

### **D. SCOPE**

This thesis will concentrate on six localized areas, called cachements, in the vicinity of military hospitals in the state of California. Six cachement areas were selected from the seventeen within the state of California to allow for some variation between regions and the cognizant branches of the Armed Forces. The two largest cachement areas, measured in terms of dollars spent on CHAMPUS payments for the Army, Navy and Air Force were selected for analysis. The six cachement areas are San Diego, Long Beach, Mather, March, Ft. Ord, and Letterman. A preliminary fee schedule developed for Medicare to reflect the actual cost of inputs (RBRVS) will be applied to the CHAMPUS financial data for a one year period within each of the selected cachement areas.

Within the financial records for the six cachement areas, the procedures chosen for analysis were those which were paid for by using CHAMPUS funds in 1988. This is the most recent year for which a complete set of data exists. In 1989, the record keeping responsibility for the CHAMPUS in the state of

California was passed to a third party contractor. These data are not available for analysis due to complications encountered in the transition of this function. As of this thesis, data for 1990 are not yet complete and are therefore not available for analysis.

#### **E. METHODOLOGY**

Physicians and other medical practitioners bill Medicare, CHAMPUS, and other payment agencies according to a standard system of codes for each procedure performed. These codes are published annually in a manual entitled the Current Procedural Terminology (CPT) manual. This document lists the specific procedures and corresponding descriptive details of each process. Data from 1988 for the six chosen catchment areas will be examined by CPT code for each procedure for which a CHAMPUS claim was filed.

In 1986, Congress created the Physician Payment Review Commission (PPRC) within the Medicare program to advise it on changing the methods by which physicians are reimbursed.[Ref. 2:p. 1] In its annual report to Congress, the PPRC issued a listing of CPT codes which were determined to be over and under valued when input costs to the physician were measured.[Ref. 3:App. B] This listing is in the form of a fee schedule. This will be matched against the CPT codes for which CHAMPUS claims were filed in the six catchment areas.

Of the CPT codes appearing in the PPRC listing, not all

could be matched to the CHAMPUS lists. The reason behind this is that not all procedures contained in the PPRC listing were performed in the cachement areas examined during 1988. This reflects the fact that the RBRVS study looked at all CPT codes, and not just the most commonly performed procedures.

The CPT codes which appeared in the database for the cachement areas examined are a function of the demographics of the beneficiary population in that area, as well as the capabilities possessed by the military hospital servicing that area. For example, if a military hospital has an adequate number of surgeons on its staff to provide appendectomies for all beneficiaries in the cachement area, then it is conceivable that no appendectomies would be billed to CHAMPUS. Thus, this CPT code would not appear in the database for the year being examined.

Also, CHAMPUS beneficiaries are under 65 years of age and are generally healthier than Medicare patients. Therefore, the procedures done on CHAMPUS patients do not always include CPT codes more commonly associated with elderly people.

The listing of the CPT codes generated by the PPRC reflecting input costs is included in Appendix A. A sample of the database for the CHAMPUS claims filed in the six cachement areas is contained in Appendix B.

#### **F. ORGANIZATION OF THE THESIS**

Chapter II describes the reasons for undertaking this study and explains the rationale behind the Resource Based

Relative Value Scale fee schedules. It also provides a brief background on the CHAMPUS program.

Chapter III describes the CHAMPUS system and how it operates.

Chapter IV will describe the methodology used in this research. This will include the preliminary fee schedule prepared by the PPRC, indicating over and undervalued procedures, and the CHAMPUS data used as a basis for comparison for the RBRVS. The procedures used to compare these databases will be described in this chapter.

Chapter V will analyze and discuss the data collected and manipulated in the study. It will contain the results of the application of RBRVS to the CHAMPUS schedules and their potential impact on the cachement areas analyzed. The research questions will be answered in this chapter.

Chapter VI summarizes the findings, draws conclusions and presents recommendations concerning the application of RBRVS to the CHAMPUS fee schedules.

## **II. BACKGROUND**

### **A. CHAPTER OVERVIEW**

This chapter begins by discussing the CHAMPUS program and the budget problems it has encountered, which are similar to those experienced by the Medicare program. It then illustrates the system which has been proposed to change the Medicare program and the rationale behind that program. The chapter will conclude by noting some important differences between the two programs.

### **B. THE CHAMPUS PROGRAM AND ITS PROBLEMS**

The CHAMPUS program has experienced the same cost overruns as other organizations which are responsible for paying medical bills in this country. While part of the reason for financial problems in the CHAMPUS program lies in the control system determining the volume of health care services to be purchased outside the military treatment facilities, a large element of the cost overruns is due to increases in the costs of individual procedures performed by physicians and other health care providers.

This problem is not unique to the CHAMPUS program and has been experienced by nearly all health insurance programs covering payments to hospitals, physicians, and other health care providers. Most notable among these programs has been the federally funded Medicare program, which primarily covers Americans who are 65 years of age and older. Between 1975 and 1987, Medicare's spending per beneficiary for physician

services grew at a compound annual rate of approximately 15 percent, which was twice the rate of growth in the per-capita gross national product.[Ref. 2:p. 1] Medicare has been forced to absorb cost overruns of a much greater magnitude than the CHAMPUS program due to the larger number of beneficiaries and the relatively high volume of services associated with the elderly. As will be described below, the CHAMPUS program treats fewer and younger patients than Medicare.

#### **C. COST CONTAINMENT**

To cope with these cost overruns, Medicare has instituted revolutionary programs in the past decade for containing the costs of health care and hospitalization. To contain the costs of hospitalization, Medicare studied the actual costs associated with keeping patients in hospitals for given treatments and procedures. Procedures were broken down into Diagnostically Related Groups (DRGs) and costs were examined across a large number of hospitals in all parts of the country. In 1983, Medicare began reimbursing hospitals based on the patient's DRG rather than paying whatever amount the hospital billed for the patient's stay.[Ref. 4:p. 6]

The effect of this change was to reward hospitals which were efficient in diagnosing a patient's ailments, treating the patient, and discharging the patient in a timely manner. Conversely, it caused hospitals who were losing money on

certain categories of patients to either become more efficient or transfer their patients to hospitals which enjoyed greater efficiencies in these areas. DRG rates were adopted by many private health insurance programs and have become the industry standards for cost.

Currently, Medicare payments are broken down into two parts, A and B. Part A covers payments to hospitals and Part B covers payments to physicians and health care providers. Part A payments are based on DRGs. Part B payments are paid according to "customary, prevailing, and reasonable" (CPR) charges. Under the CPR method of reimbursement, the payment rate for each service is determined by the amount the physician has charged in the past (the customary rate- the median of individual charges in a 12 month period) and the amount other physicians in the same area are charging (prevailing rate). The amount actually paid is the lower of the customary rate, the prevailing rate, or an actual rate charged by the physician.[Ref. 4:p. 19]

To demonstrate the CPR method of reimbursement, suppose that a patient undergoes a procedure such as arthroscopic surgery of the knee (CPT code 29880). The physician bills Medicare for \$1,678.00. This represents the actual rate for the service. Once Medicare gets the bill, the physician's charges for the same procedure over the past 12 months would be examined. Suppose a median rate charged of \$1,400.00 is derived. This represents the customary rate. Further



analysis by Medicare indicates that the other physicians in the area are charging \$1,475 for the same procedure. This is the prevailing rate. The rates involved are as follows:

Prevailing Rate = \$1,475.00  
Customary Rate = \$1,400.00  
Actual Amount Billed = \$1,678.00  
Lower = \$1,400.00

The lower of the three rates involved (\$1,400.00) is the rate paid to the physician under the CPR method.

CPR rates were adopted because they provided physicians with flexibility to adjust rates according to practice costs in differing locations and in practice styles. This system has been adopted by Medicare because it reflects the markets in different regions of the country. However, what has evolved through the years is a system which is inequitable, reflecting large differences between procedures and localities which do not accurately reflect practice costs. The CPR system is highly complex and difficult to administer as physicians, patients and insurance companies cannot accurately predict what charge for services Medicare will approve. This has contributed to increased costs of administration for health care.[Ref. 2:p. 11]

CPR rates contain inequities between invasive procedures (such as surgeries) and evaluation/management services (office visits). This inequity provides higher reimbursement to physicians performing invasive procedures and less to physicians who spend more of their time evaluating and dealing directly with patients. Through the evolution of the CPR

system, ordinary market forces have failed to correct the inequity existing between these categories of patient procedures.[Ref. 2:p. 11]

It is believed that this inequitable fee structure influences clinical decision making by creating incentives to over use invasive procedures and under use evaluation/management services. Similarly, this fee structure tends to influence young physicians regarding their choice of medical specialty, creating shortages and overages in certain specialties.[Ref. 5:p. 15]

#### **D. FEDERAL POLICY HIGHLIGHTS**

The first actions by Congress to change the way physicians are reimbursed toward RBRVS were contained in the Consolidated Omnibus Budget Reconciliation Act of 1985 (COBRA). COBRA requested the Secretary of Health and Human Services (HHS) to identify services for which allowed charges were not in line with related costs and to adjust payments for those services away from the CPR system. COBRA also directed HHS to undertake a more inclusive reorganization of the method of paying physicians by producing a resource based relative value scale. The scales will be based on a study conducted by a group from Harvard University's School of Public Health, headed by Dr. William C. Hsiao, titled "National Study of

## Resource-Based Relative Value Scales for Physician Services".<sup>3</sup>

In 1986, Congress sought to use reduced payments to realize savings in the Medicare budget. Specifically, payments for cataract surgery and anesthesia were singled out for changes toward a more reasonable rate based on input resources. This was the first step toward actually changing the reimbursement rates away from the CPR method.[Ref. 3:p. 3]

In 1987, Congress specified 12 families of procedures performed by physicians which were determined to be overvalued. This was done by comparing the Medicare prevailing charges with preliminary fees derived by calculating the relative resource costs.[Ref. 3:p. 3]

In 1989, the PPRC recommended that the CPR system be replaced by a fee schedule which is based on RBRVS. Under the Omnibus Budget Reconciliation Act of 1989 (OBRA), Congress followed PPRC's recommendation and directed that a Medicare fee schedule based on resources replace the CPR system in 1992. Work is currently underway to generate this fee schedule.[Ref. 3:p. 3]

### **E. THE HARVARD STUDY**

In essence, Dr. Hsiao's study calculates the actual costs of inputs required for a physician to practice medicine,

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<sup>3</sup>. William C. Hsiao, 'A National Study of Resource Based Relative Value Scales for Physician Services' Final Report, Health Care Finance Administration (HCFA) contract No. 17-C-98795/1-03 of September 27, 1988.

including the costs of education, opportunity costs of pursuing advanced specialties, physical work, practice costs, geographic differentials and other factors which should determine a fair reimbursement rate for a given service. These factors are combined into an equation as follows:

$$\text{RBRV} = (\text{TW}) (1 + \text{RPC}) (1 + \text{AST})$$

where

TW = total work input of the physician

RPC = index of relative specialty practice costs including malpractice insurance, equipment, etc.

AST = index of amortized value for the opportunity costs of specialized training spread out over the career lifetime of the physician.

These RBRVS are applied to a dollar constant figure (e.g., \$100.00) to produce an actual fee for the related service.[Ref. 6:p. 7]

#### **F. EFFECTS OF RBRVS**

When a Medicare fee schedule is fully implemented, several important changes are expected to occur in the way physicians are reimbursed. First, procedures which are heavily based on time spent with the patient are expected to be reimbursed at a higher level than the present. This favors evaluation and management procedures, including initial screening of the patient, over referrals for specialized treatment and surgeries.[Ref. 6:p. 18]

Initial studies by the PPRC indicate that if an RBRVS fee schedule were in place in 1989, payment for primary care

services, such as office visits, home visits, and emergency room services, would increase by 30 percent. Payments for cataract surgery would be 23 percent lower and coronary artery bypass surgery would be reduced by 34 percent.[Ref. 3:p. xiv]

In addition, geographic differences in payment for services will be reduced. Physicians in rural practices are expected to receive 13 percent more in reimbursement for services performed under Medicare. This may encourage physicians to either remain in or relocate to rural areas where there are some severe shortages in medical practitioners.[Ref. 3:p. xiv]

As practice costs are included in the equation, those services for which practice costs are a significant component of resource requirements are expected to change. Some of these services will experience increases over the CPR system, others will see decreases. These relative gains and losses are illustrated in Figure 1.

When Dr. Hsiao's study is completed, Medicare will have a complete fee schedule for all health care services which will be phased in beginning in 1992.

# PROPOSED FEE CHANGES

## Winners and Losers

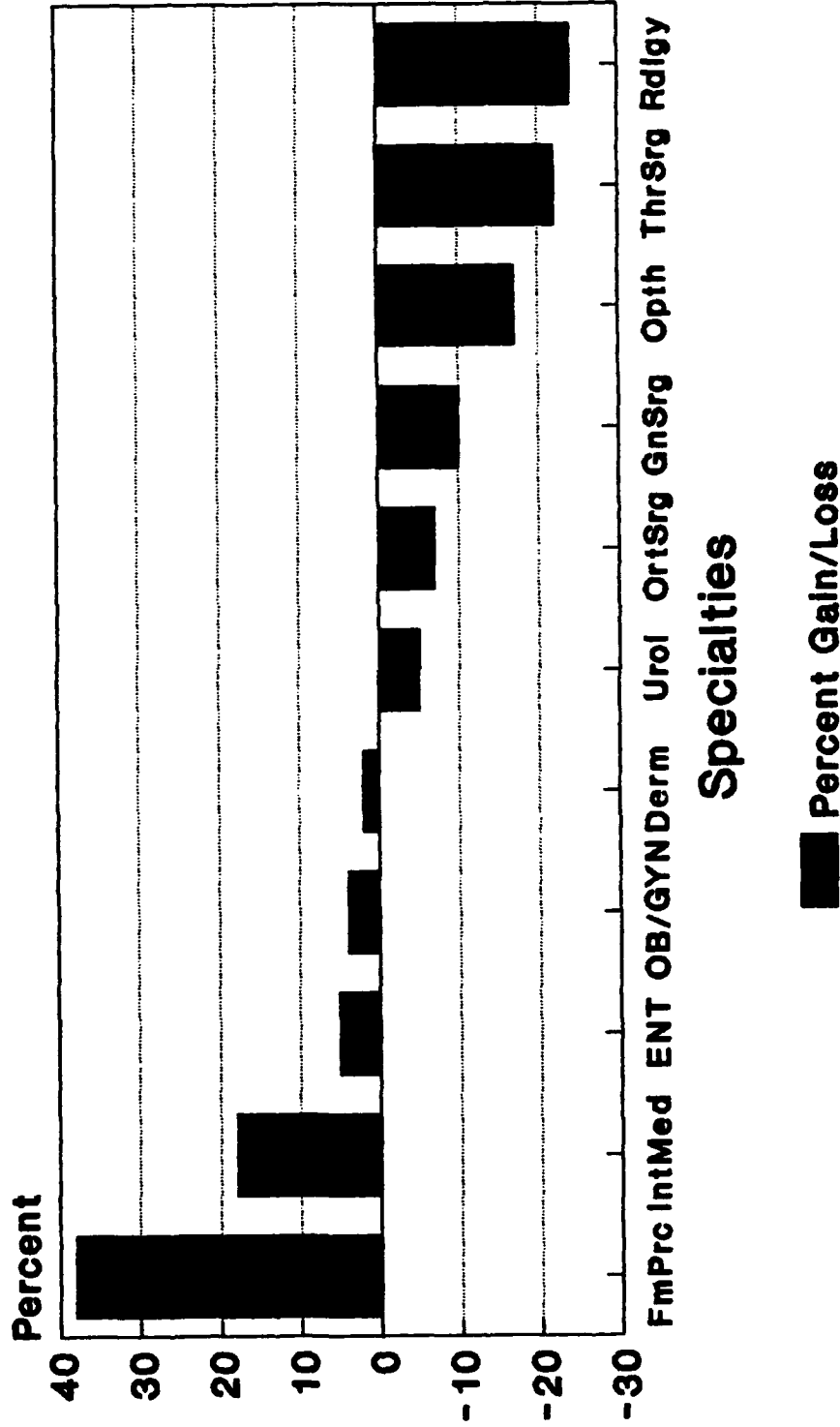


Figure 1

### III. THE CHAMPUS SYSTEM

#### A. BACKGROUND

The military health care system is responsible for providing medical support to fighting forces of the U.S. during war. In peacetime, it is responsible for providing health care coverage to active duty members, retired members, their dependents and their survivors.[Ref. 7:p. C-2] This amounts to support for more than nine million beneficiaries.

DOD operates 168 hospitals and another 500 medical clinics to accomplish this mission. When military treatment facilities cannot provide care for all beneficiaries, they may obtain care from practitioners in the local community, utilizing CHAMPUS for payment. Five fiscal intermediaries or insurance companies are under contract to process the claims for CHAMPUS.

The CHAMPUS program is a legislated entitlement. This means that if shortages are encountered at the end of the year, Congress must provide the additional dollars to cover the overage. As a result of this stipulation, the size of the CHAMPUS budget has grown without adequate controls placed on it to limit expansion.

The CHAMPUS program was originally designed as a back up system for military treatment facilities. However, it has become more of an enhancement to the medical care system provided to service members. It has provided greater access to health care, as evidenced by both the increase in the size of the budget and the number of claims filed. In 1986, the

number of claims was 7.2 million, up from 4.9 million in 1983.[Ref. 8:p. 22]

#### **B. THE CHAMPUS REFORM INITIATIVE**

In response to criticisms regarding access to health care services and quality of care provided to members of our armed forces, DOD has begun an overhaul of the CHAMPUS program known as the CHAMPUS Reform Initiative (CRI). The initiative seeks to achieve cost containment, enhanced medical benefits, and improved patient satisfaction.

To achieve these goals, DOD has attained fixed price contracts with civilian health care providers under a referral network. Under this system, patients are sent to certain groups of physicians (such as pediatricians, obstetricians, etc.) who have been contracted by DOD for reimbursement at a set rate per service. In exchange for a favorable rate for DOD patients, the physician groups receive a more predictable patient work load. Under the previous system, CHAMPUS paid a percentage of the allowed rate to any number of different billing physicians.

Specifically, CRI seeks to improve access to care through the following programs:

1. **Resource Sharing.** To alleviate manpower shortages, CRI permits contracting civilian health care providers to work in existing military treatment facilities.



2. **Health Care Finder Program.** Under this program, each cachement area will establish a central office responsible for providing beneficiaries with information about health care facilities available in the area. When a beneficiary is in need of care, they call the Health Care Finder who directs them either to civilian or military facilities, depending on the needs of the patient and the availability of services.
3. **Preferred Provider Network.** Beneficiaries would be encouraged to use networks of providers contracted for by DOD. The incentive to use these networks is that the beneficiary would receive the needed care and pay a smaller percentage than previously required by the CHAMPUS system (normally 20 to 25 percent of allowed charges.)(Ref. 9:p.C-11-C-12]

The Champus Reform Initiative is undergoing trials in a limited number of states. Depending on how well the system works in the regions where it has been implemented, the system will be phased in to other areas of the country in the future.

#### **IV. METHODOLOGY**

##### **A. DATA SOURCES**

The data for this thesis come from two sources. The Office for the Civilian Health and Medical Program for the Uniformed Services (OCHAMPUS) in Aurora, Colorado provided CHAMPUS payment information for all cachement areas in the State of California for the year 1988. Also, OCHAMPUS provided a pricing file extract report for northern and southern California which lists the fees from Blue Cross and Blue Shield upon which CHAMPUS allowable charges are sometimes based.

The second source of data was the PPRC in Washington D.C., which provided a preliminary fee schedule reflecting resource costs for certain groups of procedures. All information related to the PPRC data, such as geographic cost multipliers reflecting regional cost differences for the cachement areas examined, was also provided by the PPRC.

##### **B. OCHAMPUS DATA**

The data provided by OCHAMPUS cover all cachement areas in California which are located in the areas surrounding military treatment facilities. There are seventeen cachement areas in California between the three services. As stated earlier, six of these were chosen for analysis. These six represent the

two cachement areas for each service with the largest dollar amount of CHAMPUS payments.

Referring to Appendix B (a sample slide from the OCHAMPUS database), the first column of the OCHAMPUS data contains all CPT codes for procedures for which a CHAMPUS claim was filed in the cachement area. The next column contains the total dollar amount of the claims which were submitted, followed by the amount actually allowed by CHAMPUS. Next is the number of procedures claimed. Finally, the government's payment per procedure is displayed. These data require considerable analysis because, like the Medicare system, the allowed amount is rarely the amount billed. The allowed amount is either a percentage of the pricing file extract amount, or the amount billed, whichever is lower.

The data provided by OCHAMPUS are considered to be complete for 1988, meaning there are no claims paid for that year which do not appear in the database.[Ref. 10]

The only apparent limitation of the OCHAMPUS database is that the actual fee paid for each service performed is not given. The total amount allowed for the CPT code is given, and the total number of procedures is given. From these two pieces of information, the average allowed amount per procedure was computed and that figure was used as a basis for comparison.

This reflects a wide range of allowed amounts. For

example, if the allowed amount for one procedure was \$120.00 (the amount the physician chose to charge) and the allowed amount for an identical procedure was \$1800.00 (for which the limit is \$1200.00 from the pricing file extract report), then the average allowed amount will be derived by dividing the sum (\$1320.00) by two (the number of procedures) to give an average of \$660.00. The figures are as follows:

Number of Procedures	2
Bill from Physician One	\$120.00
Allowed amount of Physician One's Bill	\$120.00
Bill from Physician Two	\$1,800.00
Allowed amount of Physician Two's Bill	<u>\$1,200.00</u>
Sum of Allowed amounts	\$1,320.00
Average Allowed	\$660.00

Comparing this figure with the amount for that CPT code on the preliminary RBRVS allowed fee schedule often reflected large variations. This may not accurately predict potential savings should a resource based fee schedule be adopted by CHAMPUS. On procedures with high numbers of occurrences, the average allowed amount per procedure appeared to be more closely aligned with the Medicare fee schedule.

The amount of money CHAMPUS pays for a claim also varies depending on how much of the bill is covered by some other party. As stated above, the service member pays either 20 or 25 percent, depending on whether they are active duty or a retiree. In addition to that, many people have secondary insurance policies, either paid for personally or by an employer. For example, a service member's spouse may work at a job which has a group health insurance plan. When that

person sees a physician for treatment, they pay 20 or 25 percent, and then the employer's health plan may cover another percentage of the bill. The remainder of the bill will then be sent to CHAMPUS for payment.

To analyze the data provided by OCHAMPUS, an overall percentage was needed which represented an average portion of each claim CHAMPUS was responsible for paying. To obtain this figure, the total amount allowed and the total estimated cost to the government were compared to yield an overall ratio for the seventeen catchment areas in the state of California. The result of this analysis was that 72.2 percent of the allowed amount for each procedure claimed was ultimately paid for by CHAMPUS. This number was used in all calculations in further analysis.

#### **C. THE PHYSICIAN PAYMENT REVIEW COMMISSION DATA**

Phase one of the Harvard study produced the work and practice cost data for invasive procedures performed by physicians. With this, analysts at PPRC constructed a preliminary fee schedule which identified overvalued procedures within the procedures evaluated. At the time of the research phase of this thesis, a fee schedule for phase one of the Harvard study was the only data available for analysis. Although it does not provide a complete set of data for comparison with the CHAMPUS cost data, it does provide a basis on which to examine the potential impact on the CHAMPUS budget should a resource based fee schedule be adopted.

The PPRC data are arranged in ascending order by CPT code. Beginning with CPT code 19160 (Removal of Breast tissue) and ending with CPT code 93505 (Biopsy of Heart Lining), the data list the allowed charge for Medicare in 1988 dollars and the corresponding estimated fee using a resource based relative value scale. It was this estimated fee which was used here for comparison with the CHAMPUS allowed fees.

The PPRC applied a geographic multiplier to the estimated fee schedule to adjust for regional variations in practice costs.[Ref. 2:p. 119] These regional multipliers were used in this research to adjust the fee schedules for comparison to the CHAMPUS costs. The multipliers and the corresponding areas are as follows:

San Diego	1.07
Long Beach	1.13
March	1.07
Mather	1.07
Letterman	1.16
Ft. Ord	1.07

These numbers were multiplied by the fee given in PPRC data reflecting RBRVS and the result was compared to the OCHAMPUS allowed amount.

#### **D. DATA ANALYSIS TECHNIQUES**

The data from both OCHAMPUS and the PPRC were placed in a spreadsheet by CPT code. The average allowed amount, obtained by dividing the total amount allowed by CHAMPUS by the number of procedures performed, was totalled for each catchment area. The fee from the PPRC fee schedule was multiplied by the

number of procedures performed, and 72.2 percent (the average amount of the allowable charge CHAMPUS pays) of this figure was added cumulatively for all of the CPT codes for the cachement area. It should be noted that if the CHAMPUS program were to convert to a resource based fee schedule, then the proportion of the billed amount allowed (calculated to be 72.2 percent in this study) would likely change. This change would affect the results stated in this thesis.

The sum of the allowed amounts was compared with the sum of the PPRC fee schedule amounts to give an indication of the potential impact on the CHAMPUS budget should RBRVS fee schedules be adopted. The maximum amounts allowed by Blue Cross/Blue Shield were also included in the database to examine how closely the three numbers were in relation to one another. In many cases, wide variations existed which is due in part to variations in billing amounts by physicians in different areas. These amounts were not extended by number of procedures as the wide variations indicated that there would be little value in doing so.

#### **E. COLUMN DESCRIPTIONS**

The column headings in the data base compiled for this thesis are described as follows:

1. CPT code. In ascending order.
2. ToT Allowed. This column contains numbers taken directly from the data provided by OCHAMPUS as the total dollar value of the claims submitted for a particular CPT code in the cachement area. This is the numerator used in deriving number four below.

3. No. Procedures. These figures are the number of procedures claimed. They are the denominator used to derive the Allowed amount described in number four below.
4. Allowed. This column lists the average amounts allowed by OCHAMPUS. These numbers are derived by taking the total amount allowed for all claims for that particular CPT code in that cachement area, and dividing by the number of claims they represent.
5. Govt. Cost/Procedure. This column contains a figure representing 72.2 percent of the allowed amount listed in the previous column. It is the average amount per procedure for which the government is responsible.
6. ToT Govt. This column represents the figure in column five (the average amount CHAMPUS pays for each procedure) multiplied by the number of procedures. This column is summed for all CPT codes and yields the total amount the government would typically pay for all of the procedures analyzed.
7. RBRVS Fee. This column gives the fee from the preliminary fee schedule derived by the PPRC for the CPT codes analyzed in this thesis.
8. Allwd RBRVS. This column represents the amount of the fee which the government would typically pay if an RBRVS fee schedule were used by CHAMPUS. These numbers are obtained by multiplying the corresponding number in column six by 72.2 percent. The result is then adjusted for the region by applying the geographic multiplier mentioned above.
9. RBRVS ToT All. This column represents the total amount CHAMPUS would pay for a particular CPT code under an RBRVS system. It is derived by multiplying the allowed amount of the procedure under an RBRVS system (column seven), by the number of procedures performed (column three). This column is also summed to show the amount CHAMPUS would be paying for the same lot of procedures if an RBRVS system were used.

The sums of columns six and eight are compiled in a summary sheet at the beginning of Appendix C. The summary



sheet lists the cachement area, Total Government cost amount, Total Allowed under an RBRVS system, and a percent difference column. The net difference for all six cachement areas is also shown which indicates the overall effect for the six cachement areas analyzed.

## **V. DISCUSSION AND ANALYSIS**

### **A. CHAPTER OVERVIEW**

This chapter will disclose the results of the data contained in Appendix C, indicating the effects of implementing a resource based fee schedule on the CHAMPUS system. The implications of making such a change will also be examined.

### **B. ANALYSIS**

At the beginning of Appendix C, there is a summary of the results of the data analysis which has been conducted in this thesis. The summary data represent two sums taken from the database which has been constructed. The first sum is the total allowed amounts DOD normally pays for CHAMPUS claims filed under the current system. This amount reflects changes only in the procedures chosen for analysis. The second sum is the total allowed amount using resource based fee schedules under the same assumptions as above.

Also in the summary is a percent difference column which is derived by dividing the first figure by the second figure and expressing the difference as a percentage. The net difference in dollars for the data analyzed is also contained in the summary. This amount is also expressed as a percentage.

Considering the net change in expenditures for each catchment area individually, there was a mean change of 4.325

percent. This represents declines in expenditures for 4 out of 6 catchment areas, as well as increases in expenditures for the remaining 2 areas.

Examining the overall effect on the 6 catchment areas studied, implementing a resource based fee schedule would result in a decrease in expenditures of .74 percent. This seems to be a small number; however, when considering the size of the CHAMPUS budget, it equates to significant dollar amounts. For example, in the 17 catchment areas in California, the total estimated government cost for the year examined (1988) was approximately \$148 million dollars. A decrease of .74 percent would be a savings of approximately \$1.1 million dollars. This is a substantial resource savings.

In analyzing the results of the data contained in this thesis, it should be noted that the intent of the Harvard University study is not simply to reduce fees for certain categories of health care providers. The intent is to provide the Medicare system with a more equitable method of reimbursing physicians. When work units are broken down to essential components of training, practice costs, and work, each equivalent unit is to be reimbursed at the same rate.[Ref. 11:p. 6] Therefore, a .74 percent reduction in expenditures is a reasonable outcome.

The reasons for increases in total expenditures for some of the catchment areas examined are various. First of all,

certain areas may have experienced lower billing rates during the period examined. For example, the physicians within the cachement area who were billing for certain CPT codes may have been billing a low amount for procedures due to competition in the market. For CPT code 93505 (Biopsy of the Heart Lining), physicians may have been billing \$150.00 per procedure. Under the CPR method of payment, this amount would be paid because it was the lowest of the customary rate, prevailing rate and the reasonable rate. If 10 of these procedures were performed in the cachement area at this price, it would result in an average cost per procedure of \$150.00. Under the methodology employed in this thesis, the RBRVS rate for the procedure is \$228.00, with an average allowed rate of approximately \$180.00. In this database, the total expenditures for this procedure would be estimated to increase from \$1,500.00 (10 x \$150.00) to \$1,800.00 (10 x \$180.00). This is not an uncommon occurrence in this data and explains part of the reason for increases in expenditures for two of the cachement areas examined.

Another reason for increases in expenditures lies in the frequency of some procedures being performed. Depending on the specialties which a military treatment facility has available, some procedures may be purchased from the civilian market more frequently than others.

For example, some procedures, such as CPT 27238 (Treatment of Femur Fracture), have been determined by the Harvard

University study to be undervalued through the CPR method. The resource based fee schedule indicates that a six percent increase in the allowed charge should be paid. If a cachement area has inadequate staffing in Orthopaedics services, and consequently must send a disproportionate number of its patients with fractured femurs to civilian facilities, then implementing a resource based fee schedule may cause an increase in total expenditures for CHAMPUS claims under the methodology used in this thesis. By the same rationale, a cachement area which has a low number of claims for CPT codes which increased may encounter savings which are offset by added expenditures under this analysis.

The gains and losses indicated in this research would likely be evened out if a larger database were used. Given that the lower of the allowed amount or billed amount will ultimately be the amount paid by CHAMPUS, removing distortions such as those mentioned above would require a much more detailed evaluation than is practical in this analysis.

### **C. IMPLICATIONS**

Implementing a resource based fee schedule in the CHAMPUS system would likely affect several aspects of both the quantity of care provided and the satisfaction of the beneficiaries in the system. These changes would be driven by the overall decrease in reimbursement rates analyzed in this thesis.

The changes to the CHAMPUS system should be similar to

those anticipated by the Medicare program. Access to medical care would change as some physicians would no longer agree to accept patients who use CHAMPUS as their primary coverage. Beneficiaries who are regularly seen by physicians in this category would probably experience a decline in their satisfaction with the system.

Similarly, patients who are "shopping" for the services of a civilian physician may have fewer choices available to them for selection. These beneficiaries may also suffer a decline in satisfaction. In areas where there are significant shortages of physician specialists, this may mean that beneficiaries must travel to distant towns in order to receive the care they need.

However, the net effect of RBRVSS provides incentives for physicians who practice evaluation and management specialties. By providing greater financial incentives for physicians in these categories, beneficiary satisfaction may actually increase. For the same reasons physicians would tend to withdraw from the CHAMPUS program if their rates were cut, physicians in specialties whose reimbursement rates increase would be attracted to CHAMPUS.

In analyzing the impact of a resource based fee schedule on the Medicare program, the PPRC has addressed their concern for protecting beneficiary access to medical services. The PPRC has recommended to Congress that as such a fee schedule is phased in, patient access should be monitored through

various surveys.[Ref. 2:p. 193] If access is determined to be problematic in certain areas, reimbursement rates could be adjusted upward to attract more practitioners into the program. If a resource based fee schedule is implemented in the CHAMPUS program, a similar plan to monitor access could be very useful in maintaining beneficiary satisfaction.

As explained in previous chapters, it is believed that by encouraging greater emphasis on evaluation and management services, a significant portion of the invasive procedures would be deemed unnecessary. In this sense, overall patient satisfaction may increase if health problems were diagnosed earlier by evaluation and management physicians and fewer consultations for invasive specialists are prescribed in the first place.

Balance billing may be another side effect of implementing a resource based fee schedule in the CHAMPUS program. Balance billing occurs when physicians who are not satisfied with the new reimbursement rates in the fee schedule bill the patient for the difference between the amount they had previously been receiving and the new rate.[Ref. 12:p. 3] If this were to occur, a greater portion of the cost of providing health care under the CHAMPUS program would be carried by the beneficiaries.

## **VI. CONCLUSIONS AND RECOMMENDATIONS**

### **A. OVERVIEW**

Implementing a fee schedule based on the Harvard University study holds great potential for making significant changes in both the quality and effectiveness of the health care system in the United States. It appears to provide a partial solution to the actual causes of the financial problems which have plagued the health care system over the past three decades.

Actual implementation of an RBRVS fee schedule has advanced steadily through legislation and will begin phasing in during the U.S. government fiscal year 1992. Substantial resources have been dedicated to analyzing this revolutionary system and molding it into a workable program. The probability that the program will become fully implemented and succeed appears to be very good.

Due to the enormity of the Medicare budget, changes in reimbursement systems which have occurred in the past have had a strong impact on the reimbursement methods used by other third party payers and insurance programs throughout the nation. In particular, during 1983, Medicare went to the DRG system of reimbursing for hospitalization. This change put pressure on other programs to adopt reimbursement methods which are similar in design. In the same manner, organizations responsible for providing health care services for beneficiaries will likely be pressured to shift to a



resource based fee schedule or some derivative of it.

The CHAMPUS program could receive the same benefits as the Medicare program from implementing an RBRVS fee schedule. The purpose of this chapter is to draw conclusions based on the research done in this thesis and make specific recommendations regarding the implementation of an RBRVS fee schedule in the CHAMPUS program.

## **B. CONCLUSIONS**

Based on the analysis conducted in Chapter V, the conclusion which can be drawn is that implementing a resource based fee schedule in the CHAMPUS program would result in reductions in the overall budget. Although the savings appear to be slight, they may infer substantial savings when analysis is done on the entire CHAMPUS database.

It can be further concluded that the two programs examined in this thesis, Medicare and CHAMPUS, are similar enough that a fee schedule based on the Harvard University study would be applicable to the CHAMPUS program as well as the Medicare program. As stated above, the intent of the Harvard University study was not to reduce payments to certain categories of physicians, but to place equity into the reimbursement system used by Medicare. In this sense, there are no dissimilarities between the two systems. The health care procedures examined by the study are listed by the same

CPT codes for both systems, and are blind to the specific programs to which they may ultimately be applied.

### C. RECOMMENDATIONS

This thesis has examined a small group of cachement areas and a preliminary listing of fees which will ultimately be adopted by the Medicare program. In order to make such a radical change in the CHAMPUS program, a much more detailed analysis should be conducted to ensure that the change is warranted and that the potential benefits outweigh the costs. However, this program holds significant potential.

With this in mind, it is recommended that:

1. A more detailed analysis be conducted using the entire CHAMPUS system payment data covering several years. This should remove distortions evident in this study.
2. That such a study should be based on the complete Medicare fee schedule which includes data from both Phase I and Phase II of the Harvard University study. This should generate a more accurate representation of the effects of such a change.
3. That such a study be conducted within a reasonable time frame. If this change is not analyzed in the near future, the CHAMPUS system may lag behind other programs in the nation. Current CHAMPUS fees may be inadequate to maintain patient access in areas which are expected to increase under the RBRVS system.

## APPENDIX A

### PPRC PRELIMINARY FEE SCHEDULE REFLECTING RBRVS

Code	Description	Surveyed	Allowed Estimated		Percent Difference	One-third of Difference
			Charge	Fee (1988 Dollars)		
19162	Remove Breast Tissue: Nodes	No	938	839	-10	- 3
19200	Extensive Breast Surgery	No	1112	936	-16	- 5
19220	Extensive Breast Surgery	No	1130	997	-12	- 4
19240	Extensive Breast Surgery	Yes	1047	912	-13	- 4
27125	Revise Hip with Prosthesis	No	1563	1296	-17	- 6
27126	Revise Hip with Prosthesis	No	1598	1352	-15	- 5
27127	Revise Hip with Prosthesis	No	1898	1570	-17	- 6
27130	Total Hip Joint Replacement	Yes	2399	1982	-17	- 6
27132	Total Hip Joint Replacement	No	2648	2344	-11	- 4
27134	Revise Hip Joint Replacement	No	2898	2347	-19	- 6
27137	Revise Hip Joint Component	No	2166	1814	-16	- 5
27138	Revise Hip Joint Component	No	2103	1799	-14	- 5
28290	Correction of Bunion	No	357	315	-12	- 4
28292	Correction of Bunion	Yes	558	446	-20	- 7
28293	Correction of Bunion	No	575	502	-13	- 4
28294	Correction of Bunion	No	565	495	-12	- 4
28296	Correction of Bunion	No	633	513	-19	- 6
28297	Correction of Bunion	No	621	519	-16	- 5
28298	Correction of Bunion	No	456	395	-13	- 4
28299	Correction of Bunion	No	757	637	-16	- 5
29870	Knee Arthroscopy	No	294	218	-26	- 9
29871	Knee Arthroscopy/Drainage	No	529	390	-26	- 9
29872	Knee Arthroscopy/Drainage	No	588	423	-28	- 9
29874	Knee Arthroscopy/Surgery	No	713	484	-32	-11
29875	Knee Arthroscopy/Surgery	No	818	610	-25	- 8
29876	Knee Arthroscopy/Surgery	No	919	629	-32	-10
29877	Knee Arthroscopy/Surgery	No	1068	722	-32	-11
29879	Knee Arthroscopy/Surgery	No	1075	719	-33	-11
29880	Knee Arthroscopy/Surgery	No	1478	929	-37	-12
29881	Knee Arthroscopy/Surgery	Yes	969	700	-28	- 9
29882	Knee Arthroscopy/Surgery	No	980	680	-31	-10
29884	Knee Arthroscopy/Surgery	No	631	457	-28	- 9
29886	Knee Arthroscopy/Surgery	No	867	589	-32	-11
29887	Knee Arthroscopy/Surgery	No	736	508	-31	-10
29889	Knee Arthroscopy/Surgery	No	1381	1077	-22	- 7
31000	Irrigation Maxillary Sinus	No	39	31	-19	- 6
31001	Irrigation Maxillary Sinuses	No	57	46	-20	- 6
31002	Irrigation Sphenoid Sinus	No	34	29	-16	- 5
31020	Exploration Maxillary Sinus	No	194	159	-18	- 6
31021	Exploration of Sinuses	No	317	244	-23	- 8
31030	Exploration Maxillary Sinus	No	724	540	-25	- 8
31031	Exploration of Sinuses	No	1022	761	-26	- 8
31032	Explore Sinus, Remove Polyps	Yes	717	557	-22	- 7
31033	Enter Sinuses, Remove Polyps	No	920	705	-23	- 8

Code	Description	Surveyed	Allowed Charge (1988 Dollars)	Estimated Fee	Percent Difference	One-third Of Difference
31360	Removal of Larynx	No	1577	1393	-12	-4
31365	Removal of Larynx	Yes	2247	1925	-14	-5
31367	Partial Removal of Larynx	No	1681	1443	-14	-5
31368	Partial Removal of Larynx	No	209	1873	-11	-3
32440	Removal of Lung	No	1862	1657	-11	-4
32480	Partial Removal of Lung	Yes	1731	1520	-12	-4
32500	Partial Removal of Lung	No	1361	1201	-12	-4
32520	Remove Lung and Revise Chest	No	1870	1655	-12	-4
32522	Remove Lung and Revise Chest	No	1898	1700	-10	-3
32525	Remove Lung and Revise Chest	No	2325	2060	-11	-4
33206	Insertion of Heart Pacemaker	No	1035	676	-35	-11
33207	Insertion of Heart Pacemaker	Yes	1033	660	-36	-12
33208	Insertion of Heart Pacemaker	No	1315	857	-35	-11
33210	Insertion of Heart Electrode	No	339	206	-39	-13
33212	Insertion of Pulse Generator	No	578	386	-33	-11
33216	Revision Implanted Electrode	No	518	324	-38	-13
33218	Repair Pacemaker Electrodes	No	429	268	-38	-13
33219	Repair of Pacemaker	No	599	375	-37	-12
33232	Removal of Pacemaker	No	347	232	-33	-11
33405	Replacement of Aortic Valve	Yes	3273	2513	-23	-8
33510	Coronary Artery Bypass	No	2940	2198	-25	-8
33511	Coronary Arteries Bypass	No	3506	2624	-25	-8
33512	Coronary Arteries Bypass	Yes	3877	2874	-26	-9
33513	Coronary Arteries Bypass	No	4109	3046	-26	-9
33514	Coronary Arteries Bypass	No	4235	3152	-26	-9
33516	Coronary Arteries Bypass	No	4735	3315	-30	-10
35001	Repair Defect of Artery	No	1488	1306	-12	-4
35011	Repair Defect of Artery	No	1344	1172	-13	-4
35013	Repair Artery Rupture, Arm	No	1565	1409	-10	-3
35021	Repair Defect of Artery	No	1685	1491	-11	-4
35045	Repair Defect of Arm Artery	No	1211	1031	-15	-5
35081	Repair Defect of Artery	Yes	2339	1919	-18	-6
35082	Repair Artery Rupture, Aorta	No	2664	2162	-19	-6
35091	Repair Defect of Artery	No	2540	2095	-18	-6
35092	Repair Artery Rupture, Belly	No	2722	2345	-14	-5
35102	Repair Defect of Artery	No	2427	2033	-16	-5
35103	Repair Artery Rupture, Groin	No	2746	2241	-18	-6
35112	Repair Artery Rupture, Spleen	No	1787	1435	-20	-7
35121	Repair Defect of Artery	No	1649	1431	-13	-4
35122	Repair Artery Rupture, Belly	No	2038	1615	-21	-7
35131	Repair Defect of Artery	No	1362	1218	-11	-3
35132	Repair Artery Rupture, Groin	No	2018	1720	-15	-5

Code	Description	Surveyed	Allowed Charge (1988 Dollars)	Estimated Fee	Percent Difference	One-third Of Difference
35141	Repair Defect of Artery	No	1579	1319	-16	-5
35142	Repair Artery Rupture, Thigh	No	1632	1424	-13	-4
35151	Repair Defect of Artery	No	1512	1315	-13	-4
35152	Repair Artery Rupture, Knee	No	1764	1554	-12	-4
35161	Repair Defect of Artery	No	1208	1027	-15	-5
35301	Rechanneling of Artery	Yes	1673	1240	-26	-9
35311	Rechanneling of Artery	No	2123	1581	-26	-8
35321	Rechanneling of Artery	No	1221	969	-21	-7
35331	Rechanneling of Artery	No	1254	993	-21	-7
35341	Rechanneling of Artery	No	1421	1134	-20	-7
35351	Rechanneling of Artery	No	1448	1129	-22	-7
35355	Rechanneling of Artery	No	1628	1261	-23	-7
35361	Rechanneling of Artery	No	1900	1438	-24	-8
35363	Rechanneling of Artery	No	2196	1671	-24	-8
35371	Rechanneling of Artery	No	1446	1069	-26	-9
35372	Rechanneling of Artery	No	1446	1069	-26	-9
35381	Rechanneling of Artery	No	1466	1140	-22	-7
39400	Visualization of Mediastinum	Yes	504	451	-11	-4
44120	Removal of Small Intestine	No	1096	964	-12	-4
44130	Bowel to Bowel Fusion	No	993	883	-11	-4
44140	Partial Removal of Colon	No	1272	1096	-14	-5
44141	Partial Removal of Colon	No	1295	1127	-13	-4
44143	Partial Removal of Colon	No	1403	1253	-11	-4
44144	Partial Removal of Colon	No	1336	1180	-12	-4
44145	Partial Removal of Colon	Yes	1485	1291	-13	-4
44146	Partial Removal of Colon	No	1693	1449	-14	-5
44147	Partial Removal of Colon	No	1550	1388	-10	-3
44150	Removal of Colon	No	1656	1408	-15	-5
44152	Removal of Colon/Ileostomy	No	1752	1487	-15	-5
44153	Removal of Colon/Ileostomy	No	1849	1526	-17	-6
44155	Removal of Colon	No	1787	1584	-11	-4
44156	Removal of Colon/Ileostomy	No	1791	1433	-20	-7
44160	Removal of Colon	No	1399	1170	-16	-5
44950	Appendectomy	Yes	556	445	-20	-7
44960	Appendectomy	No	645	527	-18	-6
45378	Diagnostic Colonoscopy	No	423	306	-28	-9
45379	Colonoscopy	No	434	335	-23	-8
45380	Colonoscopy and Biopsy	No	476	342	-28	-9
45382	Colonoscopy, Control Bleeding	No	553	421	-24	-8
45383	Colonoscopy, Lesion Removal	No	490	370	-25	-8
45385	Colonoscopy, Lesion Removal	Yes	649	460	-29	-10
47600	Removal of Gallbladder	Yes	890	710	-20	-7
47605	Removal of Gallbladder	No	961	760	-21	-7
47610	Removal of Gallbladder	No	1088	882	-19	-6
47620	Removal of Gallbladder	No	1277	1030	-19	-6

Code	Description	Surveyed	Allowed Charge (1988 Dollars)	Estimated Fee	Percent Difference	One-third Of Difference
49500	Repair Inguinal Hernia	No	524	411	-22	-7
49505	Repair Inguinal Hernia	Yes	576	412	-29	-9
49510	Repair Hernia, Remove Testis	No	626	443	-29	-10
49515	Repair Inguinal Hernia	No	603	463	-23	-8
49520	Rerepair Inguinal Hernia	No	669	478	-29	-9
49525	Repair Inguinal Hernia	No	691	505	-27	-9
49530	Repair Incarcerated Hernia	No	639	463	-28	-9
49535	Repair Strangulated Hernia	No	564	445	-21	-7
49540	Repair Lumbar Hernia	No	608	470	-23	-7
49550	Repair Femoral Hernia	No	590	425	-28	-9
49552	Repair Femoral Hernia	No	560	445	-20	-7
49555	Remove Femoral Hernia	598	463	-23	-7	No
49560	Repair Abdominal Hernia	No	705	500	-29	-10
49565	Rerepair Abdominal Hernia	No	782	556	-29	-10
49570	Repair Epigastric Hernia	No	396	309	-22	-7
49575	Repair Epigastric Hernia	No	523	416	-20	-7
49580	Repair Umbilical Hernia	No	428	336	-22	-7
49581	Repair Umbilical Hernia	No	547	386	-29	-10
49590	Repair Abdominal Hernia	No	571	432	-24	-8
50590	Fragmenting of Kidney Stone	Yes	978	820	-16	-5
52500	Revision of Bladder Neck	No	779	657	-16	-5
52601	Prostatectomy (TUR)	Yes	1119	929	-17	-6
52612	Prostatectomy, First Stage	No	961	855	-11	-4
52614	Prostatectomy, Second Stage	No	584	517	-12	-4
52630	Remove Prostate Regrowth	No	1022	854	-16	-5
52640	Relieve Bladder Constructure	No	584	479	-18	-6
52650	Prostatectomy Contracture	No	885	666	-25	-8
58102	Curettage of Uterus Lining	No	78	67	-14	-5
58120	Dilation and Curettage	Yes	262	227	-13	-4
58150	Total Hysterectomy	Yes	1024	813	-21	-7
58152	Total Hysterectomy	No	1182	930	-21	-7
58180	Partial Hysterectomy	No	854	752	-12	-4
58200	Extensive Hysterectomy	No	1231	989	-20	-6
58210	Extensive Hysterectomy	No	1631	1347	-17	-6
58260	Vaginal Hysterectomy	No	1014	786	-23	-7
58265	Hysterectomy & Vagina Repair	Yes	1067	839	-21	-7
58267	Hysterectomy & Vagina Repair	No	1157	877	-24	-8
58270	Hysterectomy & Vagina Repair	No	1122	891	-21	-7
58275	Hysterectomy, Revise Vagina	No	1080	932	-14	-5
58280	Hysterectomy, Revise Vagina	No	1106	912	-18	-6
58285	Extensive Hysterectomy	No	1326	1059	-20	-7

Code	Description	Surveyed	Allowed Charge (1988 Dollars)	Estimated Fee	Percent Difference	One-third Of Difference
63001	Removal of Spinal Lamina	No	1718	1461	-15	-5
63003	Removal of Spinal Lamina	No	1574	1410	-10	-3
63005	Removal of Spinal Lamina	No	1644	1388	-16	-5
63010	Removal of Spinal Lamina	No	1792	1436	-20	-7
63015	Removal of Spinal Lamina	No	2115	1749	-17	-6
63016	Removal of Spinal Lamina	No	2109	1779	-16	-5
63017	Removal of Spinal Lamina	Yes	1979	1685	-15	-5
63030	Low Back Disk Surgery	Yes	1401	1205	-14	-5
63031	Low Back Disk Surgery	No	1763	1480	-16	-5
63035	Added Spinal Disk Surgery	No	475	428	-10	-3
64716	Revision of Cranial Nerve	No	642	450	-30	-10
64718	Revise Ulnar Nerve at Elbow	No	589	432	-27	-9
64719	Revise Ulnar Nerve at Wrist	No	349	254	-27	-9
64721	Revise Median Nerve at Wrist	Yes	473	341	-28	-9
65850	Incision of Eye	Yes	1122	852	-24	-8
65855	Laser Surgery of Eye	No	847	641	-24	-8
66840	Removal of Lens Material	No	757	642	-15	-5
66850	Removal of Lens Material	No	1239	1098	-11	-4
66920	Extraction of Lens	No	1060	869	-18	-6
66930	Extraction of Lens	No	865	743	-14	-5
66940	Extraction of Lens	No	1054	931	-12	-4
66983	Remove Cataract, Insert Lens	No	1564	1268	-19	-6
66984	Remove Cataract, Insert Lens	Yes	1524	1227	-19	-6
66985	Insert Lens Prosthesis	Yes	1014	847	-16	-5
67107	Repair Detached Retina	Yes	1704	1420	-17	-6
67108	Repair Detached Retina	No	2615	2172	-17	-6
67208	Treatment of Retinal Lesion	No	829	651	-21	-7
67210	Treatment of Retinal Lesion	No	787	606	-23	-8
67218	Treatment of Retinal Lesion	No	934	789	-16	-5
67227	Treatment of Retinal Lesion	No	837	670	-20	-7
67228	Treatment of Retinal Lesion	Yes	774	605	-22	-7
69631	Repair Eardrum Structures	No	1263	1085	-14	-5
69632	Rebuild Eardrum Structures	No	1363	1221	-10	-3
69633	Rebuild Eardrum Structures	No	1336	1198	-10	-3
69635	Repair Eardrum Structures	No	1414	1255	-11	-4
69636	Rebuild Eardrum Structures	No	1477	1328	-10	-3
69637	Rebuild Eardrum Structures	No	1748	1501	-14	-5
69641	Revise Middle Ear & Mastoid	Yes	1549	1345	-13	-4
69642	Revise Middle Ear & Mastoid	No	1560	1394	-11	-4
69644	Revise Middle Ear & Mastoid	No	1842	1651	-10	-3
69646	Revise Middle Ear & Mastoid	No	1718	1546	-10	-3

Code	Description	Surveyed	Allowed Charge (1988 Dollars)	Estimated Fee	Percent Difference	One-third Of Difference
76700	Echo Exam of Abdomen	Yes	131	103	-21	-7
76705	Echo Exam of Abdomen	No	101	69	-32	-11
76770	Echo Exam of Abdomen	No	120	93	-23	-7
76775	Echo Exam Abdomen Back Wall	No	98	72	-27	-9
92226	Extended Ophthalmoscopy	No	32	28	-12	-4
92230	Ophthalmoscopy/Angioscopy	No	54	49	-10	-3
92235	Ophthalmoscopy/Angiography	Yes	132	117	-11	-4
92265	Eye Muscle Evaluation	No	28	19	-32	-11
92270	Electro-Oculography	No	48	32	-33	-11
92275	Electroretinography	No	94	61	-35	-12
92280	Special Eye Evaluation	No	72	47	-35	-12
92283	Color Vision Examination	No	27	19	-31	-10
92284	Dark Adaptation Eye Exam	No	40	26	-35	-12
92285	Eye Photography	No	24	16	-34	-11
92286	Internal Eye Photography	Yes	103	69	-33	-11
92287	Internal Eye Photography	No	99	62	-38	-12
93000	Electrocardiogram, Complete	Yes	33	24	-27	-9
93005	Electrocardiogram, Tracing	No	13	10	-24	-8
93010	Electrocardiogram Report	No	13	9	-27	-9
93012	Transmission of ECG	No	33	24	-27	-9
93014	Report on Transmitted ECG	No	17	13	-22	-7
93015	Cardiovascular Stress Test	No	131	96	-27	-9
93017	Cardiovascular Stress Test	No	44	34	-23	-8
93018	Cardiovascular Stress Test	No	67	48	-29	-9
93024	Cardiac Drug Stress Test	No	104	84	-19	-6
93040	Rhythm ECG with Report	No	15	12	-21	-7
93041	Rhythm ECG, Tracing	No	10	8	-18	-6
93042	Rhythm ECG, Report	No	9	8	-12	-4
93045	Special ECG	No	24	18	-26	-9
93501	Right Heart Catheterization	No	377	258	-31	-10
93503	Right Heart Catheterization	Yes	298	205	-31	-10
93505	Biopsy of Heart Lining	No	307	228	-26	-8

Number of Codes : 245

Number of Groups : 36

Number of Surveyed Codes : 37

Source: PPRC, prepared for the Senate Finance Committee, September 20, 1989.

Notes:

- Col. 1 5-digit code from CPT, the Current Procedural Terminology of the American Medical Association
- Col. 2 Short description of the procedure from CPT
- Col. 3 "Yes" indicates that Hsiao surveyed the code
- Col. 4 The 1988 national average allowed charge
- Col. 5 The Commission's current estimate of the resource-based fee amount
- Col. 6 The percent difference between the average allowed charge and the current estimate of the resource-based fee
- Col. 7 One-third of the percent difference between the average allowed charge and the estimate of the resource-based fee. This represents a national average reduction, but the actual reduction would vary from locality to locality and would not exceed 15 percent in any locality for any procedure.



# APPENDIX B

## SAMPLE SLIDE FROM OCHAMPUS CLAIMS DATABASE

***** OCHAMPUS MINORA CO 80045 ***** H02						
P0170-009		CHAMPUS COMBINED SERVICES FOR CARE RECEIVED IN FISCAL YEAR 1988			PAGE NO: 21	
RUN DATE: 22 FEB 90		FOR CATCHMENT AREA: RATHER AFB, CA			COLLECTION PERIOD:	
RUN TIME: 02:04:35		UNREPLICATED **			24 MONTHS	
ALL SPECIALTIES COMBINED						
CPT-4 PROC CODE	PROC NARRATIVE	TOTAL AMT BILLED	TOTAL AMT ALLOWED	ESTIMATED GOVT COST	NUMBER OF PROCS	AVE GOVT COST PER PROC
32500	PARTIAL REMOVAL OF LUNG	2,209.00	2,415.20	1,811.40	1	1,811.40
33200	INSERTION OF HEART PACEMAKER	355.50	355.50	266.63	1	266.63
33201	INSERTION OF HEART PACEMAKER	720.00	720.00	540.00	1	540.00
33206	INSERTION OF HEART PACEMAKER	1,270.00	1,270.00	635.71	2	317.86
33208	INSERTION OF HEART PACEMAKER	4,230.00	3,812.00	2,424.50	2	1,212.25
33210	INSERTION OF HEART ELECTRODE	1,225.00	1,225.00	993.75	3	331.25
33212	INSERTION OF PULSE GENERATOR	1,730.00	824.00	618.00	1	618.00
33245	IMPLANT HEART DEFIBRILLATOR	1,480.00	5,795.20	4,308.90	2	2,154.45
33300	REPAIR OF HEART VALVE	1,918.00	1,918.00	1,432.50	2	716.25
33430	REPLACEMENT OF MITRAL VALVE	7,308.00	7,361.20	5,320.90	3	1,840.30
33483	REPLACEMENT OF HEART VALVES	14,708.00	14,360.40	12,270.30	4	3,067.58
33510	CORONARY ARTERY BYPASS	15,253.00	15,142.44	13,004.19	6	2,167.37
33511	CORONARY ARTERIES BYPASS	38,217.00	35,123.40	22,835.31	14	1,573.95
33512	CORONARY ARTERIES BYPASS	37,583.00	35,894.60	18,234.11	37	492.81
33513	CORONARY ARTERIES BYPASS	25,998.00	24,840.20	9,347.75	11	849.80
33514	CORONARY ARTERIES BYPASS	23,418.00	23,272.40	13,005.35	8	1,625.67
33516	CORONARY ARTERIES BYPASS	41,540.00	40,297.60	14,983.81	15	998.87
33643	REPAIR HEART SEPTUM DEFECT	9,280.00	8,367.64	6,275.73	4	1,568.93
33820	REPAIR MAJOR VESSEL	2,448.00	1,329.60	1,224.00	2	612.00
33943	TRANSPLANTATION OF HEART	12,880.00	12,880.00	9,440.00	3	3,220.00
33970	AORTIC CIRCULATION ASSIST	4,300.00	3,844.50	2,480.44	3	826.81

- COMBINED SERVICES REFLECT TOTAL INPATIENT AND OUTPATIENT PROFESSIONAL SERVICES
- REFER TO PAGE 1 (SPECIFICATION PAGE) OF THIS REPORT FOR CLARIFICATION OF THE DATA WHICH APPEAR ON THIS REPORT.

## APPENDIX C

### THESIS DATABASE

#### SUMMARY

	ToT Allowed	ToT Allwd RBRVS	% Diff.
San Diego	\$3,397,472.37	\$3,341,028.46	1.66%
Long Beach	\$2,963,015.11	\$2,997,066.61	-1.15%
March	\$988,738.40	\$957,042.64	3.21%
Mather	\$603,483.97	\$629,089.37	-4.24%
Letterman	\$125,813.49	\$114,715.95	8.82%
Ft. Ord	\$330,057.81	\$307,370.49	6.87%
TOTAL	\$8,408,581.16	\$8,346,313.51	
	Net Difference	\$62,267.65	0.74%

## CPT-4 CODES FOR CALIF. CATCHMENT AREAS

SAN DIEGO

CPT Code	ToT Allowed	No. Procedures	Allowed	Govt. Cost/Pro	ToT Govt	RBRVS Fee	Alldd RBRVS	RBRVS ToT All.
19160	\$20,755.40	39	\$532.45	\$384.43	\$14,992.62	\$367.00	\$283.52	\$11,057.37
19162	\$540.00	1	\$540.00	\$389.88	\$389.88	\$839.00	\$648.16	\$648.16
19180	\$1,301.76	3	\$433.92	\$313.29	\$939.87	\$520.00	\$401.72	\$1,205.16
19182	\$5,720.00	4	\$1,430.00	\$1,032.46	\$4,129.84	\$547.00	\$422.58	\$1,690.32
19200	\$3,639.44	7	\$522.78	\$377.45	\$2,642.12	\$936.00	\$723.10	\$5,061.68
19220	\$2,500.00	2	\$1,250.00	\$902.50	\$1,805.00	\$997.00	\$770.22	\$1,540.44
19240	\$49,069.40	76	\$645.65	\$466.16	\$35,428.11	\$912.00	\$704.56	\$53,546.29
20550	\$26,298.44	752	\$34.97	\$25.25	\$18,987.47	\$33.00	\$25.49	\$19,171.35
20600	\$3,609.50	107	\$33.73	\$24.36	\$2,606.06	\$36.00	\$27.81	\$2,975.82
20605	\$7,311.70	185	\$39.52	\$28.54	\$5,279.05	\$42.00	\$32.45	\$6,002.64
20610	\$24,540.61	583	\$42.09	\$30.39	\$17,718.32	\$42.00	\$32.45	\$18,916.41
27125	\$3,290.00	1	\$3,290.00	\$2,375.38	\$2,375.38	\$1,296.00	\$1,001.21	\$1,001.21
27130	\$93,409.00	82	\$1,139.13	\$822.45	\$67,441.30	\$1,982.00	\$1,531.17	\$125,956.29
27134	\$8,235.00	17	\$484.41	\$349.75	\$5,945.67	\$2,437.00	\$1,882.68	\$32,005.56
27234	\$1,345.00	3	\$448.33	\$323.70	\$971.09	\$1,600.00	\$1,236.06	\$3,708.19
27235	\$5,018.00	3	\$1,672.67	\$1,207.67	\$3,623.00	\$1,198.00	\$925.50	\$2,776.51
27236	\$17,786.40	14	\$1,270.46	\$917.27	\$12,841.78	\$1,197.00	\$924.73	\$12,946.23
27238	\$822.50	1	\$822.50	\$593.85	\$593.85	\$360.00	\$278.11	\$278.11
27240	\$1,078.00	1	\$1,078.00	\$778.32	\$778.32	\$680.00	\$525.33	\$525.33
27244	\$10,983.00	7	\$1,569.00	\$1,132.82	\$7,929.73	\$1,185.00	\$915.46	\$6,408.22
28290	\$19,744.60	114	\$173.20	\$125.05	\$14,255.60	\$315.00	\$243.35	\$27,741.91
28292	\$43,076.25	87	\$495.13	\$357.48	\$31,101.05	\$446.00	\$344.55	\$29,976.10
28293	\$6,769.50	10	\$676.95	\$488.76	\$4,887.58	\$502.00	\$387.82	\$3,878.15
28294	\$1,576.13	2	\$788.07	\$568.98	\$1,137.97	\$495.00	\$382.41	\$764.81
28296	\$50,032.10	67	\$746.75	\$539.15	\$36,123.18	\$513.00	\$396.31	\$26,552.97
28298	\$10,103.60	20	\$505.18	\$364.74	\$7,294.80	\$395.00	\$305.15	\$6,103.07
29870	\$81,789.50	277	\$295.27	\$213.18	\$59,052.02	\$218.00	\$168.41	\$46,650.60
29871	\$6,907.00	27	\$255.81	\$184.70	\$4,986.85	\$390.00	\$301.29	\$8,134.85
29872	\$1,820.80	2	\$910.40	\$657.31	\$1,314.62	\$423.00	\$326.78	\$653.57
29874	\$8,547.13	15	\$569.81	\$411.40	\$6,171.03	\$484.00	\$373.91	\$5,608.64
29875	\$13,598.00	12	\$1,133.17	\$818.15	\$9,817.76	\$610.00	\$471.25	\$5,654.99
29876	\$340.00	1	\$340.00	\$245.48	\$245.48	\$629.00	\$485.93	\$485.93
29877	\$65,263.96	52	\$1,255.08	\$906.16	\$47,120.58	\$722.00	\$557.77	\$29,004.24
29879	\$15,150.90	16	\$946.93	\$683.68	\$10,938.95	\$719.00	\$555.46	\$8,887.30
29880	\$10,733.60	6	\$1,788.93	\$1,291.61	\$7,749.66	\$929.00	\$717.69	\$4,306.14
29881	\$99,266.20	93	\$1,067.38	\$770.65	\$71,670.20	\$700.00	\$540.78	\$50,292.35
29882	\$13,443.17	11	\$1,222.11	\$882.36	\$9,705.97	\$680.00	\$525.33	\$5,778.60
29884	\$1,955.50	2	\$977.75	\$705.94	\$1,411.87	\$457.00	\$353.05	\$706.10
29886	\$3,115.00	3	\$1,038.33	\$749.68	\$2,249.03	\$589.00	\$455.03	\$1,365.08
31000	\$1,549.00	23	\$67.35	\$48.63	\$1,118.38	\$31.00	\$23.95	\$550.82
31001	\$2,566.75	41	\$62.60	\$45.20	\$1,853.19	\$46.00	\$35.54	\$1,457.01
31020	\$3,010.00	7	\$430.00	\$310.46	\$2,173.22	\$159.00	\$122.83	\$859.84
31021	\$6,150.00	15	\$410.00	\$296.02	\$4,440.30	\$244.00	\$188.50	\$2,827.50
31030	\$5,238.40	6	\$873.07	\$630.35	\$3,782.12	\$540.00	\$417.17	\$2,503.03
31031	\$6,945.00	5	\$1,389.00	\$1,002.86	\$5,014.29	\$761.00	\$587.90	\$2,939.51
31032	\$1,431.00	1	\$1,431.00	\$1,033.18	\$1,033.18	\$557.00	\$430.30	\$430.30
31360	\$5,110.00	4	\$1,277.50	\$922.36	\$3,689.42	\$1,393.00	\$1,076.15	\$4,304.99
31500	\$21,503.86	160	\$134.40	\$97.04	\$15,525.79	\$102.00	\$78.80	\$12,607.85

32000	\$4,346.50	38	\$114.38	\$82.58	\$3,138.17	\$132.00	\$101.98	\$3,875.06
32020	\$7,893.00	38	\$207.71	\$149.97	\$5,698.75	\$203.00	\$156.83	\$5,959.37
32035	\$2,466.00	4	\$616.50	\$445.11	\$1,780.45	\$550.00	\$424.90	\$1,699.59
32480	\$34,966.00	39	\$896.56	\$647.32	\$25,245.45	\$1,520.00	\$1,174.26	\$45,796.17
32500	\$7,141.00	5	\$1,428.20	\$1,031.16	\$5,155.80	\$1,201.00	\$927.82	\$4,639.10
33206	\$2,122.00	9	\$235.78	\$170.23	\$1,532.08	\$676.00	\$522.24	\$4,700.13
33207	\$5,734.65	5	\$1,146.93	\$828.08	\$4,140.42	\$660.00	\$509.88	\$2,549.38
33208	\$4,200.00	2	\$2,100.00	\$1,516.20	\$3,032.40	\$857.00	\$662.07	\$1,324.13
33210	\$13,828.17	34	\$406.71	\$293.65	\$9,983.94	\$206.00	\$159.14	\$5,410.87
33212	\$824.80	1	\$824.80	\$595.51	\$595.51	\$386.00	\$298.20	\$298.20
33216	\$1,939.00	5	\$387.80	\$279.99	\$1,399.96	\$324.00	\$250.30	\$1,251.51
33219	\$824.80	1	\$824.80	\$595.51	\$595.51	\$375.00	\$289.70	\$289.70
33405	\$36,048.00	45	\$801.07	\$578.37	\$26,026.66	\$2,513.00	\$1,941.39	\$87,362.69
33510	\$25,263.00	12	\$2,105.25	\$1,519.99	\$18,239.89	\$2,198.00	\$1,698.04	\$20,376.52
33511	\$114,563.00	38	\$3,014.82	\$2,176.70	\$82,714.49	\$2,624.00	\$2,027.14	\$77,031.51
33512	\$249,319.00	158	\$1,577.97	\$1,139.29	\$180,008.32	\$2,874.00	\$2,220.28	\$350,804.23
33513	\$205,550.00	50	\$4,111.00	\$2,968.14	\$148,407.10	\$3,046.00	\$2,353.16	\$117,657.84
33514	\$180,160.00	44	\$4,094.55	\$2,956.26	\$130,075.52	\$3,152.00	\$2,435.05	\$107,142.03
33516	\$89,502.88	26	\$3,442.42	\$2,485.43	\$64,621.08	\$3,315.00	\$2,560.97	\$66,585.22
35001	\$1,320.00	1	\$1,320.00	\$953.04	\$953.04	\$1,306.00	\$1,008.94	\$1,008.94
35011	\$3,240.00	2	\$1,620.00	\$1,169.64	\$2,339.28	\$1,172.00	\$905.42	\$1,810.83
35021	\$3,300.00	1	\$3,300.00	\$2,382.60	\$2,382.60	\$1,491.00	\$1,151.86	\$1,151.86
35082	\$13,167.12	7	\$1,881.02	\$1,358.09	\$9,506.66	\$2,162.00	\$1,670.23	\$11,691.62
35132	\$3,220.00	2	\$1,610.00	\$1,162.42	\$2,324.84	\$1,720.00	\$1,328.77	\$2,657.54
35141	\$7,870.00	6	\$1,311.67	\$947.02	\$5,682.14	\$1,319.00	\$1,018.98	\$6,113.88
35151	\$2,025.00	1	\$2,025.00	\$1,462.05	\$1,462.05	\$1,315.00	\$1,015.89	\$1,015.89
35301	\$29,970.87	36	\$832.52	\$601.08	\$21,638.97	\$1,240.00	\$957.95	\$34,486.19
35311	\$3,264.00	2	\$1,632.00	\$1,178.30	\$2,356.61	\$1,581.00	\$1,221.39	\$2,442.77
35321	\$260.00	1	\$260.00	\$187.72	\$187.72	\$969.00	\$748.59	\$748.59
35361	\$4,922.50	2	\$2,461.25	\$1,777.02	\$3,554.05	\$1,438.00	\$1,110.91	\$2,221.83
35371	\$15,871.00	13	\$1,220.85	\$881.45	\$11,458.86	\$1,069.00	\$825.85	\$10,735.99
35381	\$288.00	1	\$288.00	\$207.94	\$207.94	\$1,140.00	\$880.70	\$880.70
39400	\$1,829.00	3	\$609.67	\$440.18	\$1,320.54	\$451.00	\$348.42	\$1,045.25
44120	\$16,606.00	15	\$1,107.07	\$799.30	\$11,989.53	\$964.00	\$744.73	\$11,170.93
44130	\$2,086.80	5	\$417.36	\$301.33	\$1,506.67	\$883.00	\$682.15	\$3,410.76
44140	\$32,092.00	33	\$972.48	\$702.13	\$23,170.42	\$1,096.00	\$846.70	\$27,941.23
44141	\$5,967.80	4	\$1,491.95	\$1,077.19	\$4,308.75	\$1,127.00	\$870.65	\$3,482.61
44143	\$8,515.00	6	\$1,419.17	\$1,024.64	\$6,147.83	\$1,253.00	\$967.99	\$5,807.96
44144	\$408.00	1	\$408.00	\$294.58	\$294.58	\$1,180.00	\$911.60	\$911.60
44145	\$23,453.00	28	\$837.61	\$604.75	\$16,933.07	\$1,291.00	\$997.35	\$27,925.78
44146	\$5,121.72	4	\$1,280.43	\$924.47	\$3,697.88	\$1,449.00	\$1,119.41	\$4,477.64
44150	\$4,069.00	4	\$1,017.25	\$734.45	\$2,937.82	\$1,408.00	\$1,087.74	\$4,350.95
44950	\$65,547.55	129	\$508.12	\$366.86	\$47,325.33	\$445.00	\$343.78	\$44,347.66
44960	\$15,750.00	21	\$750.00	\$541.50	\$11,371.50	\$527.00	\$407.13	\$8,549.70
45378	\$97,860.60	172	\$568.96	\$410.79	\$70,655.35	\$306.00	\$236.40	\$40,660.33
45379	\$636.00	1	\$636.00	\$459.19	\$459.19	\$335.00	\$258.80	\$258.80
45380	\$41,741.39	71	\$587.91	\$424.47	\$30,137.28	\$342.00	\$264.21	\$18,758.82
45383	\$763.20	1	\$763.20	\$551.03	\$551.03	\$370.00	\$285.84	\$285.84
45385	\$69,668.00	64	\$1,088.56	\$785.94	\$50,300.30	\$460.00	\$355.37	\$22,743.58
47600	\$35,986.60	96	\$583.19	\$421.07	\$40,422.33	\$710.00	\$548.50	\$52,656.33
47605	\$107,266.60	138	\$777.29	\$561.21	\$77,446.49	\$760.00	\$587.13	\$81,024.00
47610	\$7,513.00	9	\$834.78	\$602.71	\$5,424.39	\$882.00	\$681.38	\$6,132.42

47620	\$2,966.00	3	\$988.67	\$713.82	\$2,141.45	\$1,030.00	\$795.72	\$2,387.15
49500	\$39,869.30	64	\$622.96	\$449.78	\$28,785.63	\$411.00	\$317.51	\$20,320.89
49505	\$62,773.27	130	\$482.87	\$348.63	\$45,322.30	\$412.00	\$318.29	\$41,377.24
49515	\$1,384.80	2	\$632.40	\$499.91	\$999.83	\$463.00	\$357.69	\$715.37
49520	\$7,161.00	7	\$1,023.00	\$738.61	\$5,170.24	\$478.00	\$369.27	\$2,584.92
49525	\$5,300.40	6	\$883.40	\$637.81	\$3,826.89	\$505.00	\$390.13	\$2,340.80
49530	\$3,181.60	3	\$1,060.53	\$765.71	\$2,297.12	\$463.00	\$357.69	\$1,073.06
49550	\$1,209.00	3	\$403.00	\$290.97	\$872.90	\$425.00	\$328.33	\$984.99
49555	\$925.00	1	\$925.00	\$667.85	\$667.85	\$463.00	\$357.69	\$357.69
49560	\$32,687.90	56	\$583.71	\$421.44	\$23,600.66	\$500.00	\$386.27	\$21,631.12
49565	\$5,162.20	7	\$737.46	\$532.44	\$3,727.11	\$556.00	\$429.53	\$3,006.73
49570	\$1,214.00	3	\$404.67	\$292.17	\$876.51	\$309.00	\$238.71	\$716.14
49575	\$1,080.00	2	\$540.00	\$389.88	\$779.76	\$416.00	\$321.38	\$642.75
49580	\$4,203.00	8	\$525.38	\$379.32	\$3,034.57	\$336.00	\$259.57	\$2,076.59
49581	\$8,658.90	18	\$481.05	\$347.32	\$6,251.73	\$386.00	\$298.20	\$5,367.61
50590	\$35,211.00	46	\$1,200.24	\$866.57	\$39,862.34	\$820.00	\$633.48	\$29,140.21
52340	\$300.00	1	\$300.00	\$216.60	\$216.60	\$335.00	\$258.80	\$258.80
52601	\$51,728.00	57	\$907.51	\$655.22	\$37,347.62	\$929.00	\$717.69	\$40,908.31
58102	\$1,050.00	10	\$105.00	\$75.81	\$758.10	\$67.00	\$51.76	\$517.60
58103	\$127.20	1	\$127.20	\$91.84	\$91.84	\$75.00	\$57.94	\$57.94
58120	\$209,598.48	668	\$313.77	\$226.54	\$151,330.10	\$227.00	\$175.37	\$117,144.88
58150	\$247,690.05	300	\$825.63	\$596.11	\$178,832.22	\$813.00	\$628.08	\$188,422.51
58152	\$25,190.63	21	\$1,199.55	\$866.08	\$18,187.63	\$930.00	\$718.46	\$15,087.71
58180	\$315.00	1	\$315.00	\$227.43	\$227.43	\$752.00	\$580.95	\$580.95
58200	\$775.00	1	\$775.00	\$559.55	\$559.55	\$989.00	\$764.04	\$764.04
58210	\$4,144.00	3	\$1,381.33	\$997.32	\$2,991.97	\$1,347.00	\$1,040.61	\$3,121.83
58260	\$31,856.00	37	\$860.97	\$621.62	\$23,000.03	\$786.00	\$607.22	\$22,467.01
58265	\$25,809.04	24	\$1,075.38	\$776.42	\$18,634.13	\$839.00	\$648.16	\$15,555.87
58267	\$2,492.00	2	\$1,246.00	\$899.61	\$1,799.22	\$877.00	\$677.52	\$1,355.04
63001	\$2,125.00	3	\$708.33	\$511.42	\$1,534.25	\$1,461.00	\$1,128.68	\$3,386.04
63005	\$6,746.60	14	\$481.90	\$347.93	\$4,871.05	\$1,388.00	\$1,072.29	\$15,012.00
63010	\$7,518.74	4	\$1,879.69	\$1,357.13	\$5,428.53	\$1,436.00	\$1,109.37	\$4,437.47
63015	\$4,986.00	2	\$2,493.00	\$1,799.95	\$3,599.89	\$1,749.00	\$1,351.17	\$2,702.34
63017	\$5,110.00	2	\$2,555.00	\$1,844.71	\$3,689.42	\$1,685.00	\$1,301.73	\$2,603.46
63030	\$52,352.10	33	\$1,586.43	\$1,145.40	\$37,798.22	\$1,205.00	\$930.91	\$30,720.05
63031	\$37,328.70	34	\$1,097.90	\$792.69	\$26,951.32	\$1,480.00	\$1,143.36	\$38,874.21
63035	\$3,894.40	17	\$229.08	\$165.40	\$2,811.76	\$428.00	\$330.65	\$5,621.00
64718	\$7,757.00	9	\$861.89	\$622.28	\$5,600.55	\$432.00	\$333.74	\$3,003.64
64719	\$3,495.55	12	\$291.30	\$210.32	\$2,523.79	\$254.00	\$196.23	\$2,354.70
64721	\$32,362.00	112	\$467.52	\$337.55	\$37,805.36	\$341.00	\$263.44	\$29,504.85
65850	\$3,200.00	2	\$1,600.00	\$1,155.20	\$2,310.40	\$852.00	\$658.20	\$1,316.41
65855	\$6,296.00	4	\$1,574.00	\$1,136.43	\$4,545.71	\$641.00	\$495.20	\$1,980.79
66840	\$2,003.10	1	\$2,003.10	\$1,446.24	\$1,446.24	\$642.00	\$495.97	\$495.97
66850	\$7,567.50	5	\$1,513.50	\$1,092.75	\$5,463.74	\$1,098.00	\$848.25	\$4,241.24
66920	\$4,882.66	12	\$406.89	\$293.77	\$3,525.28	\$869.00	\$671.34	\$8,056.05
66930	\$1,000.00	1	\$1,000.00	\$722.00	\$722.00	\$743.00	\$574.00	\$574.00
66940	\$2,500.00	1	\$2,500.00	\$1,805.00	\$1,805.00	\$931.00	\$719.23	\$719.23
66983	\$34,965.00	103	\$533.64	\$385.29	\$39,684.73	\$1,268.00	\$979.58	\$100,896.81
66984	\$277,611.01	146	\$1,901.45	\$1,372.84	\$200,435.15	\$1,227.00	\$947.91	\$138,394.36
66985	\$16,145.00	24	\$672.71	\$485.70	\$11,656.69	\$847.00	\$654.34	\$15,704.19
67107	\$29,381.00	20	\$1,469.05	\$1,060.65	\$21,213.08	\$1,420.00	\$1,097.01	\$21,940.14
67108	\$5,730.80	3	\$1,910.27	\$1,379.21	\$4,137.64	\$2,127.00	\$1,643.19	\$4,929.58

67210	\$15,830.50	13	\$1,217.73	\$879.20	\$11,429.62	\$606.00	\$468.16	\$6,086.07
67227	\$6,384.00	7	\$912.00	\$658.46	\$4,609.25	\$670.00	\$517.60	\$3,623.21
67228	\$51,522.00	42	\$1,226.71	\$885.69	\$37,198.88	\$605.00	\$467.39	\$19,630.24
69631	\$36,174.00	57	\$634.63	\$458.20	\$26,117.63	\$1,085.00	\$838.21	\$47,777.74
69632	\$4,435.00	2	\$2,217.50	\$1,601.04	\$3,202.07	\$1,221.00	\$943.27	\$1,886.54
69633	\$5,146.60	2	\$2,573.30	\$1,857.92	\$3,715.85	\$1,198.00	\$925.50	\$1,851.01
69635	\$10,862.50	6	\$1,810.42	\$1,307.12	\$7,842.73	\$1,255.00	\$969.54	\$5,817.23
69641	\$27,734.00	38	\$729.84	\$526.95	\$20,023.95	\$1,345.00	\$1,039.07	\$39,484.52
69642	\$3,180.00	1	\$3,180.00	\$2,295.96	\$2,295.96	\$1,394.00	\$1,076.92	\$1,076.92
69643	\$18,134.00	6	\$3,022.33	\$2,182.12	\$13,092.75	\$1,455.00	\$1,124.05	\$6,744.27
69644	\$3,000.00	1	\$3,000.00	\$2,166.00	\$2,166.00	\$1,651.00	\$1,275.46	\$1,275.46
76700	\$61,205.50	497	\$123.15	\$88.91	\$44,190.37	\$103.00	\$79.57	\$39,547.10
76705	\$17,081.14	166	\$102.90	\$74.29	\$12,332.58	\$69.00	\$53.31	\$8,848.67
76770	\$10,371.60	93	\$111.52	\$80.52	\$7,488.30	\$93.00	\$71.85	\$6,681.70
76775	\$8,425.25	103	\$81.80	\$59.06	\$6,083.03	\$72.00	\$55.62	\$5,729.16
92225	\$10,198.86	178	\$57.30	\$41.37	\$7,363.58	\$31.00	\$23.95	\$4,262.88
92226	\$983.00	20	\$49.15	\$35.49	\$709.73	\$28.00	\$21.63	\$432.62
92230	\$325.44	7	\$46.49	\$33.57	\$234.97	\$49.00	\$37.85	\$264.98
92235	\$10,568.28	67	\$159.23	\$114.96	\$7,702.50	\$117.00	\$90.39	\$6,055.94
92250	\$5,992.71	151	\$39.69	\$28.65	\$4,326.74	\$23.00	\$17.77	\$2,683.03
92260	\$40.00	1	\$40.00	\$28.88	\$28.88	\$38.00	\$29.36	\$29.36
92265	\$255.00	15	\$17.00	\$12.27	\$184.11	\$19.00	\$14.68	\$220.17
92270	\$75.00	1	\$75.00	\$54.15	\$54.15	\$32.00	\$24.72	\$24.72
92275	\$339.55	4	\$84.89	\$61.29	\$245.16	\$61.00	\$47.12	\$188.50
92280	\$3,073.00	21	\$146.33	\$105.65	\$2,218.71	\$47.00	\$36.31	\$762.50
92283	\$414.12	15	\$27.61	\$19.93	\$298.99	\$19.00	\$14.68	\$220.17
92284	\$0.00	0	\$0.00	\$0.00	\$0.00	\$25.00	\$20.09	\$0.00
92285	\$90.00	5	\$18.00	\$13.00	\$64.98	\$15.00	\$12.36	\$61.80
92286	\$400.00	5	\$80.00	\$57.76	\$288.80	\$69.00	\$53.31	\$266.53
93000	\$260,169.41	5393	\$48.24	\$34.83	\$187,842.31	\$24.00	\$18.54	\$99,991.40
93005	\$1,093.50	31	\$35.27	\$25.47	\$789.51	\$10.00	\$7.73	\$239.49
93010	\$47,702.97	2526	\$18.88	\$13.63	\$34,441.54	\$9.00	\$6.95	\$17,562.92
93012	\$504.80	38	\$13.28	\$9.59	\$364.47	\$24.00	\$18.54	\$704.56
93014	\$738.00	45	\$16.40	\$11.84	\$532.84	\$13.00	\$10.04	\$451.94
93015	\$153,807.52	799	\$192.50	\$138.99	\$111,049.03	\$96.00	\$74.16	\$59,256.91
93017	\$4,141.20	34	\$121.80	\$87.94	\$2,989.95	\$34.00	\$26.27	\$893.06
93018	\$11,778.06	125	\$94.22	\$68.03	\$8,503.76	\$48.00	\$37.08	\$4,635.24
93024	\$0.00	0	\$0.00	\$0.00	\$0.00	\$84.00	\$64.89	\$0.00
93040	\$7,461.00	301	\$24.79	\$17.90	\$5,386.84	\$12.00	\$9.27	\$2,790.41
93041	\$8.00	1	\$8.00	\$5.78	\$5.78	\$8.00	\$6.18	\$6.18
93042	\$2,201.81	159	\$13.85	\$10.00	\$1,589.71	\$8.00	\$6.18	\$982.67
93045	\$15.00	1	\$15.00	\$10.83	\$10.83	\$18.00	\$13.91	\$13.91
93501	\$16,257.00	33	\$492.64	\$355.68	\$11,737.55	\$258.00	\$199.32	\$6,577.41
93503	\$20,588.50	61	\$337.52	\$243.69	\$14,864.90	\$205.00	\$158.37	\$9,660.61
93505	\$5,500.00	9	\$611.11	\$441.22	\$3,971.00	\$228.00	\$176.14	\$1,585.25

Total

\$3,397,472.37

\$3,341,028.46

## CPT-4 CODES FOR CALIF. CATCHMENT AREAS

## LONG BEACH

CPT Code	ToT Allowed	No. Procdres.	Allowed	Govt Cost/Proc	ToT Govt	RBRVS Fee	Alldd RBRVS	RBRVS ToT All.
19160	\$16,513.60	27	\$611.61	\$441.59	\$11,922.82	\$367.00	\$299.42	\$8,084.36
19162	\$1,367.40	1	\$1,367.40	\$987.26	\$987.26	\$839.00	\$684.51	\$684.51
19180	\$8,765.96	18	\$487.00	\$351.61	\$6,329.02	\$520.00	\$424.25	\$7,636.45
19182	\$2,950.00	2	\$1,475.00	\$1,064.95	\$2,129.90	\$547.00	\$446.28	\$892.55
19200	\$5,358.00	7	\$765.43	\$552.64	\$3,868.48	\$936.00	\$763.64	\$5,345.51
19240	\$53,010.00	80	\$662.63	\$478.42	\$38,273.22	\$912.00	\$744.06	\$59,525.15
20550	\$20,372.29	558	\$36.51	\$26.36	\$14,708.79	\$33.00	\$26.92	\$15,023.25
20600	\$3,217.50	91	\$35.36	\$25.53	\$2,323.04	\$36.00	\$29.37	\$2,672.76
20605	\$6,145.50	168	\$36.58	\$26.41	\$4,437.05	\$42.00	\$34.27	\$5,756.71
20610	\$19,085.99	449	\$42.51	\$30.69	\$13,780.08	\$42.00	\$34.27	\$15,385.49
27125	\$6,580.00	2	\$3,290.00	\$2,375.38	\$4,750.76	\$1,296.00	\$1,057.35	\$2,114.71
27130	\$70,957.00	53	\$1,338.81	\$966.62	\$51,230.95	\$1,982.00	\$1,617.03	\$85,702.83
27134	\$1,080.00	1	\$1,080.00	\$779.76	\$779.76	\$2,437.00	\$1,988.25	\$1,988.25
27137	\$6,835.00	2	\$3,417.50	\$2,467.44	\$4,934.87	\$0.00	\$0.00	\$0.00
27138	\$8,580.00	2	\$4,290.00	\$3,097.38	\$6,194.76	\$1,799.00	\$1,467.73	\$2,935.46
27235	\$9,501.44	15	\$633.43	\$457.34	\$6,860.04	\$1,198.00	\$977.40	\$14,661.00
27236	\$13,040.50	16	\$815.03	\$588.45	\$9,415.24	\$1,197.00	\$976.58	\$15,625.35
27244	\$11,766.00	9	\$1,307.33	\$943.89	\$8,495.05	\$1,185.00	\$966.79	\$8,701.15
27248	\$822.50	1	\$822.50	\$593.85	\$593.85	\$905.00	\$738.35	\$738.35
28290	\$22,341.04	70	\$319.16	\$230.43	\$16,130.23	\$315.00	\$257.00	\$17,989.71
28292	\$46,217.75	79	\$585.03	\$422.40	\$33,369.22	\$446.00	\$363.87	\$28,746.01
28293	\$5,240.20	8	\$655.03	\$472.93	\$3,783.42	\$502.00	\$409.56	\$3,276.49
28294	\$2,342.40	3	\$780.80	\$563.74	\$1,691.21	\$495.00	\$403.85	\$1,211.55
28296	\$51,324.67	63	\$814.68	\$588.20	\$37,056.41	\$513.00	\$418.54	\$26,367.78
28298	\$1,613.80	4	\$403.45	\$291.29	\$1,165.16	\$395.00	\$322.26	\$1,289.06
28299	\$397.50	1	\$397.50	\$287.00	\$287.00	\$637.00	\$519.70	\$519.70
29870	\$28,018.00	104	\$269.40	\$194.51	\$20,229.00	\$218.00	\$177.86	\$18,497.18
29871	\$2,509.50	19	\$132.08	\$95.36	\$1,811.86	\$390.00	\$318.19	\$6,045.52
29874	\$5,317.50	13	\$409.04	\$295.33	\$3,839.24	\$484.00	\$394.88	\$5,133.39
29875	\$10,654.00	20	\$532.70	\$384.61	\$7,692.19	\$610.00	\$497.67	\$9,953.49
29876	\$3,413.00	2	\$1,706.50	\$1,232.09	\$2,464.19	\$629.00	\$513.18	\$1,026.35
29877	\$30,768.86	41	\$750.46	\$541.83	\$22,215.12	\$722.00	\$589.05	\$24,151.09
29879	\$7,610.50	6	\$1,268.42	\$915.80	\$5,494.78	\$719.00	\$586.60	\$3,519.62
29880	\$2,289.60	1	\$2,289.60	\$1,653.09	\$1,653.09	\$929.00	\$757.93	\$757.93
29881	\$105,179.96	84	\$1,252.14	\$904.05	\$75,939.93	\$700.00	\$571.10	\$47,972.57
29882	\$2,819.00	3	\$939.67	\$678.44	\$2,035.32	\$680.00	\$554.78	\$1,664.35
29887	\$440.00	1	\$440.00	\$317.68	\$317.68	\$508.00	\$414.46	\$414.46
31000	\$310.00	6	\$51.67	\$37.30	\$223.82	\$31.00	\$25.29	\$151.75
31001	\$387.50	10	\$38.75	\$27.98	\$279.78	\$46.00	\$37.53	\$375.30
31020	\$954.00	3	\$318.00	\$229.60	\$688.79	\$159.00	\$129.72	\$389.17
31021	\$8,081.30	22	\$367.33	\$265.21	\$5,834.70	\$244.00	\$199.07	\$4,379.54
31030	\$20,003.60	35	\$571.53	\$412.65	\$14,442.60	\$540.00	\$440.56	\$15,419.75
31031	\$4,589.60	4	\$1,147.40	\$828.42	\$3,313.69	\$761.00	\$620.87	\$2,483.48
31500	\$22,379.83	155	\$144.39	\$104.25	\$16,158.24	\$102.00	\$83.22	\$12,898.75
32000	\$3,553.00	31	\$114.61	\$82.75	\$2,565.27	\$132.00	\$107.69	\$3,338.50
32020	\$5,452.00	27	\$201.93	\$145.79	\$3,936.34	\$203.00	\$165.62	\$4,471.73
32440	\$4,395.00	2	\$2,197.50	\$1,586.60	\$3,173.19	\$1,657.00	\$1,351.88	\$2,703.76
32480	\$48,788.75	27	\$1,806.99	\$1,304.65	\$35,225.48	\$1,520.00	\$1,240.11	\$33,482.89

32500	\$15,317.00	10	\$1,531.70	\$1,105.89	\$11,058.87	\$1,201.00	\$979.85	\$9,798.48
32525	\$1,000.00	1	\$1,000.00	\$722.00	\$722.00	\$2,060.00	\$1,680.67	\$1,680.67
33206	\$1,300.00	1	\$1,300.00	\$938.60	\$938.60	\$676.00	\$551.52	\$551.52
33207	\$2,888.15	5	\$577.63	\$417.05	\$2,085.24	\$660.00	\$538.47	\$2,692.34
33208	\$6,516.00	4	\$1,629.00	\$1,176.14	\$4,704.55	\$857.00	\$699.19	\$2,796.77
33210	\$18,808.41	40	\$470.21	\$339.49	\$13,579.67	\$206.00	\$168.07	\$6,722.69
33212	\$3,970.00	12	\$330.83	\$238.86	\$2,866.34	\$386.00	\$314.92	\$3,779.06
33216	\$850.00	1	\$850.00	\$613.70	\$613.70	\$324.00	\$264.34	\$264.34
33405	\$16,575.00	8	\$2,071.88	\$1,495.89	\$11,967.15	\$2,513.00	\$2,050.26	\$16,402.05
33510	\$29,746.32	13	\$2,288.18	\$1,652.06	\$21,476.84	\$2,198.00	\$1,793.26	\$23,312.38
33511	\$47,723.60	17	\$2,807.27	\$2,026.85	\$34,456.44	\$2,624.00	\$2,140.82	\$36,393.88
33512	\$176,025.00	148	\$1,189.36	\$858.72	\$127,090.05	\$2,874.00	\$2,344.78	\$347,027.68
33513	\$99,752.00	30	\$3,325.07	\$2,400.70	\$72,020.94	\$3,046.00	\$2,485.11	\$74,553.29
33514	\$64,320.00	23	\$2,796.52	\$2,019.09	\$46,439.04	\$3,152.00	\$2,571.59	\$59,146.59
33516	\$72,928.00	23	\$3,170.78	\$2,289.31	\$52,654.02	\$3,315.00	\$2,704.58	\$62,205.25
35001	\$1,738.00	3	\$579.33	\$418.28	\$1,254.84	\$1,306.00	\$1,065.51	\$3,196.54
35081	\$28,022.60	15	\$1,868.17	\$1,348.82	\$20,232.32	\$1,919.00	\$1,565.64	\$23,484.53
35082	\$9,975.60	4	\$2,493.90	\$1,800.60	\$7,202.38	\$2,162.00	\$1,763.89	\$7,055.56
35102	\$7,536.82	4	\$1,884.21	\$1,360.40	\$5,441.58	\$2,033.00	\$1,658.64	\$6,634.57
35111	\$3,052.80	2	\$1,526.40	\$1,102.06	\$2,204.12	\$1,396.00	\$1,138.94	\$2,277.88
35141	\$3,553.00	3	\$1,184.33	\$855.09	\$2,565.27	\$1,319.00	\$1,076.12	\$3,228.36
35161	\$880.00	1	\$880.00	\$635.36	\$635.36	\$1,027.00	\$837.89	\$837.89
35301	\$30,869.00	30	\$1,028.97	\$742.91	\$22,287.42	\$1,240.00	\$1,011.67	\$30,349.99
35331	\$6,574.00	6	\$1,095.67	\$791.07	\$4,746.43	\$993.00	\$810.15	\$4,860.89
35341	\$6,773.00	5	\$1,354.60	\$978.02	\$4,890.11	\$1,164.00	\$949.66	\$4,748.31
35351	\$1,400.00	1	\$1,400.00	\$1,010.80	\$1,010.80	\$1,129.00	\$921.11	\$921.11
35355	\$305.28	1	\$305.28	\$220.41	\$220.41	\$1,261.00	\$1,028.80	\$1,028.80
35371	\$1,150.00	1	\$1,150.00	\$830.30	\$830.30	\$1,069.00	\$872.15	\$872.15
35381	\$2,338.00	3	\$779.33	\$562.68	\$1,688.04	\$1,140.00	\$930.08	\$2,790.24
39400	\$4,309.50	7	\$615.64	\$444.49	\$3,111.46	\$451.00	\$367.95	\$2,575.67
44120	\$19,299.00	17	\$1,135.24	\$819.64	\$13,933.88	\$964.00	\$786.49	\$13,370.31
44130	\$1,454.80	3	\$484.93	\$350.12	\$1,050.37	\$883.00	\$720.40	\$2,161.21
44140	\$38,741.00	33	\$1,173.97	\$847.61	\$27,971.00	\$1,096.00	\$894.18	\$29,508.02
44141	\$798.00	13	\$61.38	\$44.32	\$576.16	\$1,127.00	\$919.47	\$11,953.16
44143	\$20,783.99	14	\$1,484.57	\$1,071.86	\$15,006.04	\$1,253.00	\$1,022.27	\$14,311.82
44144	\$4,170.00	4	\$1,042.50	\$752.69	\$3,010.74	\$1,180.00	\$962.71	\$3,850.86
44145	\$13,341.00	8	\$1,667.63	\$1,204.03	\$9,632.20	\$1,291.00	\$1,053.28	\$8,426.20
44146	\$3,716.00	2	\$1,858.00	\$1,341.48	\$2,682.95	\$1,449.00	\$1,182.18	\$2,364.36
44150	\$503.36	1	\$503.36	\$363.43	\$363.43	\$1,408.00	\$1,148.73	\$1,148.73
44160	\$50.00	1	\$50.00	\$36.10	\$36.10	\$1,170.00	\$954.56	\$954.56
44950	\$76,336.14	164	\$465.46	\$336.07	\$55,114.69	\$445.00	\$363.06	\$59,541.46
44960	\$7,165.00	11	\$651.36	\$470.28	\$5,173.13	\$527.00	\$429.96	\$4,729.54
45378	\$85,752.20	150	\$571.68	\$412.75	\$61,913.09	\$306.00	\$249.65	\$37,447.97
45379	\$636.00	1	\$636.00	\$459.19	\$459.19	\$335.00	\$273.31	\$273.31
45380	\$35,661.00	52	\$685.79	\$495.14	\$25,747.24	\$342.00	\$279.02	\$14,509.25
45382	\$1,534.00	2	\$767.00	\$553.77	\$1,107.55	\$421.00	\$343.48	\$686.95
45385	\$58,776.00	61	\$963.54	\$695.68	\$42,436.27	\$460.00	\$375.30	\$22,893.03
47600	\$54,282.80	101	\$537.45	\$388.04	\$39,192.18	\$710.00	\$579.26	\$58,505.32
47605	\$93,275.85	104	\$896.88	\$647.55	\$67,345.16	\$760.00	\$620.05	\$64,485.57
47610	\$25,999.00	42	\$619.02	\$446.94	\$18,771.28	\$882.00	\$719.59	\$30,222.72
47620	\$470.00	1	\$470.00	\$339.34	\$339.34	\$1,030.00	\$840.34	\$840.34
49500	\$56,962.65	112	\$508.60	\$367.21	\$41,127.03	\$411.00	\$335.32	\$37,555.67



49505	\$63,242.10	125	\$505.94	\$355.29	\$45,660.80	\$412.00	\$336.13	\$42,016.79
49515	\$280.00	1	\$280.00	\$202.16	\$202.16	\$463.00	\$377.74	\$377.74
49520	\$9,177.00	17	\$539.82	\$389.75	\$6,625.79	\$478.00	\$389.98	\$6,629.68
49525	\$120.84	1	\$120.84	\$87.25	\$87.25	\$505.00	\$412.01	\$412.01
49540	\$720.00	1	\$720.00	\$519.84	\$519.84	\$470.00	\$383.45	\$383.45
49550	\$1,823.76	3	\$607.92	\$438.92	\$1,316.75	\$425.00	\$346.74	\$1,040.22
49560	\$26,178.25	61	\$429.15	\$309.85	\$18,900.70	\$500.00	\$407.93	\$24,883.73
49565	\$9,416.40	12	\$784.70	\$566.55	\$6,798.64	\$556.00	\$453.62	\$5,443.42
49570	\$681.00	2	\$340.50	\$245.84	\$491.68	\$309.00	\$252.10	\$504.20
49575	\$1,529.58	3	\$509.86	\$368.12	\$1,104.36	\$416.00	\$339.40	\$1,018.19
49580	\$7,576.18	12	\$631.35	\$455.83	\$5,470.00	\$336.00	\$274.13	\$3,289.55
49581	\$7,801.20	16	\$487.58	\$352.03	\$5,632.47	\$386.00	\$314.92	\$5,038.75
50590	\$38,429.00	65	\$591.22	\$426.86	\$27,745.74	\$820.00	\$669.01	\$43,485.34
52340	\$942.00	5	\$188.40	\$136.02	\$680.12	\$335.00	\$273.31	\$1,366.57
52500	\$1,669.00	2	\$834.50	\$602.51	\$1,205.02	\$657.00	\$536.02	\$1,072.04
52601	\$64,976.00	61	\$1,065.18	\$769.06	\$46,912.67	\$929.00	\$757.93	\$46,233.97
52612	\$800.00	1	\$800.00	\$577.60	\$577.60	\$855.00	\$697.56	\$697.56
58102	\$1,340.00	22	\$60.91	\$43.98	\$967.48	\$67.00	\$54.66	\$1,202.58
58120	\$199,419.18	610	\$326.92	\$236.03	\$143,980.65	\$227.00	\$185.20	\$112,972.13
58150	\$296,447.06	335	\$884.92	\$638.91	\$214,034.78	\$813.00	\$663.29	\$222,203.55
58152	\$20,871.00	14	\$1,490.79	\$1,076.35	\$15,068.86	\$930.00	\$758.75	\$10,622.50
58180	\$2,256.00	2	\$1,128.00	\$814.42	\$1,628.83	\$752.00	\$613.53	\$1,227.05
58210	\$10,736.72	7	\$1,533.82	\$1,107.42	\$7,751.91	\$1,347.00	\$1,098.96	\$7,692.74
58260	\$49,093.50	35	\$892.61	\$644.46	\$35,445.51	\$786.00	\$641.27	\$35,269.63
58265	\$55,839.00	42	\$1,329.50	\$959.90	\$40,315.76	\$839.00	\$684.51	\$28,749.27
58267	\$3,366.00	3	\$1,122.00	\$810.08	\$2,430.25	\$877.00	\$715.51	\$2,146.53
58270	\$2,538.00	2	\$1,269.00	\$916.22	\$1,832.44	\$891.00	\$726.93	\$1,453.86
58280	\$1,144.80	2	\$572.40	\$413.27	\$826.55	\$912.00	\$744.06	\$1,488.13
63001	\$6,582.00	4	\$1,645.50	\$1,188.05	\$4,752.20	\$1,461.00	\$1,191.97	\$4,767.89
63005	\$23,854.75	23	\$1,037.16	\$748.83	\$17,223.13	\$1,388.00	\$1,132.41	\$26,045.51
63015	\$6,750.00	2	\$3,375.00	\$2,436.75	\$4,873.50	\$1,749.00	\$1,426.94	\$2,853.88
63017	\$15,084.75	6	\$2,514.13	\$1,815.20	\$10,891.19	\$1,685.00	\$1,374.72	\$8,248.34
63030	\$39,693.10	34	\$1,167.44	\$842.89	\$28,658.42	\$1,205.00	\$983.11	\$33,425.78
63031	\$52,464.37	26	\$2,017.86	\$1,456.90	\$37,879.28	\$1,480.00	\$1,207.47	\$31,394.29
63035	\$2,662.80	7	\$380.40	\$274.65	\$1,922.54	\$428.00	\$349.19	\$2,444.32
64718	\$5,481.00	12	\$456.75	\$329.77	\$3,957.28	\$432.00	\$352.45	\$4,229.42
64719	\$2,470.00	5	\$494.00	\$356.67	\$1,783.34	\$254.00	\$207.23	\$1,036.14
64721	\$43,954.00	92	\$477.76	\$344.94	\$31,734.79	\$341.00	\$278.21	\$25,595.16
65850	\$4,360.00	5	\$872.00	\$629.58	\$3,147.92	\$852.00	\$695.11	\$3,475.56
65855	\$9,700.00	7	\$1,385.71	\$1,000.49	\$7,003.40	\$641.00	\$522.97	\$3,660.76
66840	\$60.00	1	\$60.00	\$43.32	\$43.32	\$642.00	\$523.78	\$523.78
66850	\$11,444.00	9	\$1,271.56	\$918.06	\$8,262.57	\$1,098.00	\$895.81	\$8,062.33
66920	\$600.00	1	\$600.00	\$433.20	\$433.20	\$869.00	\$708.98	\$708.98
66940	\$2,500.00	1	\$2,500.00	\$1,805.00	\$1,805.00	\$931.00	\$759.57	\$759.57
66983	\$53,138.60	63	\$843.47	\$608.99	\$38,366.07	\$1,268.00	\$1,034.51	\$65,174.16
66984	\$211,460.94	115	\$1,838.79	\$1,327.61	\$152,674.80	\$1,227.00	\$1,001.06	\$115,121.93
66985	\$7,087.00	5	\$1,417.40	\$1,023.36	\$5,116.81	\$847.00	\$691.03	\$3,455.17
67107	\$19,972.50	12	\$1,664.38	\$1,201.68	\$14,420.15	\$1,420.00	\$1,158.52	\$13,902.25
67108	\$11,934.00	7	\$1,704.86	\$1,230.91	\$8,616.35	\$2,127.00	\$1,735.33	\$12,147.34
67208	\$2,865.00	4	\$716.25	\$517.13	\$2,068.53	\$651.00	\$531.12	\$2,124.50
67210	\$6,390.00	4	\$1,597.50	\$1,153.40	\$4,613.58	\$606.00	\$494.41	\$1,977.64
67228	\$67,023.40	55	\$1,218.61	\$879.83	\$48,390.89	\$605.00	\$493.60	\$27,147.74

69631	\$16,128.00	32	\$504.00	\$363.89	\$11,644.42	\$1,085.00	\$885.21	\$28,326.66
69632	\$7,604.00	5	\$1,520.80	\$1,098.02	\$5,490.09	\$1,221.00	\$996.17	\$4,980.83
69635	\$5,900.00	3	\$1,966.67	\$1,419.93	\$4,259.80	\$1,255.00	\$1,023.90	\$3,071.71
69636	\$2,950.00	1	\$2,950.00	\$2,129.90	\$2,129.90	\$1,328.00	\$1,083.46	\$1,083.46
69641	\$18,400.00	8	\$2,300.00	\$1,660.60	\$13,284.80	\$1,345.00	\$1,097.33	\$8,778.65
69642	\$3,180.00	1	\$3,180.00	\$2,295.96	\$2,295.96	\$1,394.00	\$1,137.31	\$1,137.31
69643	\$3,150.00	1	\$3,150.00	\$2,274.30	\$2,274.30	\$1,455.00	\$1,187.08	\$1,187.08
69644	\$3,180.00	1	\$3,180.00	\$2,295.96	\$2,295.96	\$1,651.00	\$1,346.98	\$1,346.98
69646	\$3,750.00	2	\$1,875.00	\$1,353.75	\$2,707.50	\$1,546.00	\$1,261.32	\$2,522.64
76700	\$57,898.82	426	\$135.91	\$98.13	\$41,802.95	\$103.00	\$84.03	\$35,798.31
76705	\$14,479.86	118	\$122.71	\$88.60	\$10,454.46	\$69.00	\$56.29	\$6,642.73
76770	\$16,690.63	119	\$140.26	\$101.27	\$12,050.63	\$93.00	\$75.87	\$9,029.12
76775	\$1,556.50	16	\$97.28	\$70.24	\$1,123.79	\$72.00	\$58.74	\$939.87
92225	\$9,813.43	165	\$59.48	\$42.94	\$7,085.30	\$31.00	\$25.29	\$4,173.12
92226	\$932.00	17	\$54.82	\$39.58	\$672.90	\$28.00	\$22.84	\$388.35
92230	\$154.00	6	\$25.67	\$18.53	\$111.19	\$49.00	\$39.98	\$239.86
92235	\$13,936.00	77	\$180.99	\$130.67	\$10,061.79	\$117.00	\$95.46	\$7,350.08
92250	\$5,541.00	135	\$41.04	\$29.63	\$4,000.60	\$23.00	\$18.76	\$2,533.25
92265	\$175.00	1	\$175.00	\$126.35	\$126.35	\$19.00	\$15.50	\$15.50
92275	\$184.55	2	\$92.28	\$66.62	\$133.25	\$61.00	\$49.77	\$99.53
92280	\$3,522.00	26	\$135.46	\$97.80	\$2,542.88	\$47.00	\$38.35	\$996.98
92283	\$702.60	20	\$35.13	\$25.36	\$507.28	\$19.00	\$15.50	\$310.03
92284	\$800.00	6	\$133.33	\$96.27	\$577.60	\$26.00	\$21.21	\$127.27
92285	\$41.40	1	\$41.40	\$29.89	\$29.89	\$16.00	\$13.05	\$13.05
92286	\$2,464.00	22	\$112.00	\$80.86	\$1,779.01	\$69.00	\$56.29	\$1,238.48
93000	\$211,022.99	4260	\$49.54	\$35.76	\$152,358.60	\$24.00	\$19.58	\$83,413.53
93005	\$4,735.35	108	\$43.85	\$31.66	\$3,418.32	\$10.00	\$8.16	\$881.13
93010	\$33,369.73	1443	\$23.13	\$16.70	\$24,092.95	\$9.00	\$7.34	\$10,595.57
93012	\$75.00	1	\$75.00	\$54.15	\$54.15	\$24.00	\$19.58	\$19.58
93014	\$923.00	15	\$61.53	\$44.43	\$666.41	\$13.00	\$10.61	\$159.09
93015	\$138,483.90	704	\$196.71	\$142.02	\$99,985.38	\$96.00	\$78.32	\$55,139.08
93017	\$1,381.20	15	\$92.08	\$66.48	\$997.23	\$34.00	\$27.74	\$416.09
93018	\$13,032.80	138	\$94.44	\$68.19	\$9,409.68	\$48.00	\$39.16	\$5,404.26
93040	\$4,023.00	170	\$23.66	\$17.09	\$2,904.61	\$12.00	\$9.79	\$1,664.35
93041	\$432.00	54	\$8.00	\$5.78	\$311.90	\$8.00	\$6.53	\$352.45
93042	\$1,813.45	126	\$14.39	\$10.39	\$1,309.31	\$8.00	\$6.53	\$822.39
93501	\$12,485.00	22	\$567.50	\$409.74	\$9,014.17	\$258.00	\$210.49	\$4,630.82
93503	\$20,296.65	52	\$390.32	\$281.81	\$14,654.18	\$205.00	\$167.25	\$8,697.07
93505	\$3,500.00	7	\$500.00	\$361.00	\$2,527.00	\$228.00	\$186.02	\$1,302.11

Total

\$2,963,015.11

\$2,997,066.61

## CPT-4 CODES FOR CALIF. CACHEMENT AREAS

## LETTERMAN

CPT Code	ToT Allowed	No. Procdres.	Allowed	Govt Cost/Proc	ToT Govt	RBRVS Fee	Allwd RBRVS	RBRVS ToT All.
19160	\$618.60	1	\$618.60	\$446.63	\$446.63	\$367.00	\$307.37	\$307.37
19162	\$1,610.40	2	\$805.20	\$581.35	\$1,162.71	\$839.00	\$702.68	\$1,405.36
19240	\$2,208.00	2	\$1,104.00	\$797.09	\$1,594.18	\$912.00	\$763.82	\$1,527.64
20550	\$1,676.30	49	\$34.21	\$24.70	\$1,210.29	\$33.00	\$27.64	\$1,354.27
20600	\$40.00	1	\$40.00	\$28.88	\$28.88	\$36.00	\$30.15	\$30.15
20605	\$747.00	21	\$35.57	\$25.68	\$539.33	\$42.00	\$35.18	\$738.69
20610	\$1,044.50	26	\$40.17	\$29.00	\$754.13	\$42.00	\$35.18	\$914.57
27130	\$4,714.00	2	\$2,357.00	\$1,701.75	\$3,403.51	\$1,982.00	\$1,659.96	\$3,319.93
27244	\$2,634.00	2	\$1,317.00	\$950.87	\$1,901.75	\$1,185.00	\$992.46	\$1,984.92
28290	\$783.00	2	\$391.50	\$282.66	\$565.33	\$315.00	\$263.82	\$527.64
28292	\$3,599.00	8	\$449.88	\$324.81	\$2,598.48	\$446.00	\$373.53	\$2,988.27
28296	\$4,133.90	5	\$826.78	\$596.94	\$2,984.68	\$513.00	\$429.65	\$2,148.24
29870	\$986.00	3	\$328.67	\$237.30	\$711.89	\$218.00	\$182.58	\$547.74
29875	\$1,767.00	1	\$1,767.00	\$1,275.77	\$1,275.77	\$610.00	\$510.89	\$510.89
29877	\$286.00	1	\$286.00	\$206.49	\$206.49	\$722.00	\$604.69	\$604.69
29879	\$2,148.00	3	\$716.00	\$516.95	\$1,550.86	\$719.00	\$602.18	\$1,806.53
31000	\$139.20	2	\$69.60	\$50.25	\$100.50	\$31.00	\$25.96	\$51.93
31365	\$6,361.92	3	\$2,120.64	\$1,531.10	\$4,593.31	\$1,925.00	\$1,612.23	\$4,836.68
31500	\$682.00	5	\$136.40	\$98.48	\$492.40	\$102.00	\$85.43	\$427.14
32000	\$55.00	1	\$55.00	\$39.71	\$39.71	\$132.00	\$110.55	\$110.55
32020	\$210.00	1	\$210.00	\$151.62	\$151.62	\$203.00	\$170.02	\$170.02
32480	\$2,557.50	1	\$2,557.50	\$1,846.52	\$1,846.52	\$1,520.00	\$1,273.03	\$1,273.03
33210	\$395.00	1	\$395.00	\$285.19	\$285.19	\$206.00	\$172.53	\$172.53
33512	\$1,610.00	1	\$1,610.00	\$1,162.42	\$1,162.42	\$2,874.00	\$2,407.03	\$2,407.03
35091	\$4,023.36	2	\$2,011.68	\$1,452.43	\$2,904.87	\$2,095.00	\$1,754.60	\$3,509.21
35151	\$2,800.00	1	\$2,800.00	\$2,021.60	\$2,021.60	\$1,315.00	\$1,101.34	\$1,101.34
44120	\$4,596.00	3	\$1,532.00	\$1,106.10	\$3,318.31	\$964.00	\$807.37	\$2,422.11
44143	\$2,323.20	1	\$2,323.20	\$1,677.35	\$1,677.35	\$1,253.00	\$1,049.41	\$1,049.41
44950	\$3,562.00	5	\$712.40	\$514.35	\$2,571.76	\$445.00	\$372.70	\$1,863.48
45378	\$7,926.00	14	\$566.14	\$408.76	\$5,722.57	\$306.00	\$256.28	\$3,587.94
45379	\$528.00	1	\$528.00	\$381.22	\$381.22	\$335.00	\$280.57	\$280.57
45380	\$3,506.50	6	\$584.42	\$421.95	\$2,531.69	\$342.00	\$286.43	\$1,718.59
45385	\$4,442.00	4	\$1,110.50	\$801.78	\$3,207.12	\$460.00	\$385.26	\$1,541.04
47600	\$480.00	1	\$480.00	\$346.56	\$346.56	\$710.00	\$594.64	\$594.64
47605	\$6,198.20	7	\$885.46	\$639.30	\$4,475.10	\$760.00	\$636.52	\$4,455.61
49500	\$2,488.00	4	\$622.00	\$449.08	\$1,796.34	\$411.00	\$344.22	\$1,376.88
49505	\$3,053.60	5	\$610.72	\$440.94	\$2,204.70	\$412.00	\$345.06	\$1,725.29
49520	\$1,364.20	2	\$682.10	\$492.48	\$984.95	\$478.00	\$400.33	\$800.67
49560	\$1,019.00	3	\$339.67	\$245.24	\$735.72	\$500.00	\$418.76	\$1,256.28
50590	\$2,977.60	3	\$992.53	\$716.61	\$2,149.83	\$820.00	\$686.77	\$2,060.30
52601	\$3,882.00	3	\$1,294.00	\$934.27	\$2,802.80	\$929.00	\$778.06	\$2,334.17
58102	\$158.50	2	\$79.25	\$57.22	\$114.44	\$67.00	\$56.11	\$112.23
58120	\$6,146.00	19	\$323.47	\$233.55	\$4,437.41	\$227.00	\$190.12	\$3,612.22
58150	\$6,760.00	16	\$422.50	\$305.05	\$4,880.72	\$813.00	\$680.90	\$10,894.46
63031	\$3,711.60	2	\$1,855.80	\$1,339.89	\$2,679.78	\$1,480.00	\$1,239.53	\$2,479.06
64721	\$1,016.00	2	\$508.00	\$366.78	\$733.55	\$341.00	\$285.59	\$571.19
66930	\$518.40	1	\$518.40	\$374.28	\$374.28	\$743.00	\$622.28	\$622.28
66984	\$18,321.60	14	\$1,308.69	\$944.87	\$13,228.20	\$1,227.00	\$1,027.64	\$14,386.92

67107	\$4,128.00	3	\$1,376.00	\$993.47	\$2,980.42	\$1,420.00	\$1,189.28	\$3,567.84
67228	\$3,180.00	3	\$1,060.00	\$765.32	\$2,295.96	\$605.00	\$506.70	\$1,520.10
69635	\$2,640.00	1	\$2,640.00	\$1,906.08	\$1,906.08	\$1,255.00	\$1,051.09	\$1,051.09
69642	\$3,180.00	1	\$3,180.00	\$2,295.96	\$2,295.96	\$1,394.00	\$1,167.50	\$1,167.50
76700	\$1,868.00	14	\$133.43	\$96.34	\$1,348.70	\$103.00	\$86.26	\$1,207.70
76705	\$120.00	2	\$60.00	\$43.32	\$86.64	\$69.00	\$57.79	\$115.58
76770	\$213.00	3	\$71.00	\$51.26	\$153.79	\$93.00	\$77.89	\$233.67
92225	\$273.00	5	\$54.60	\$39.42	\$197.11	\$31.00	\$25.96	\$129.82
92226	\$89.00	2	\$44.50	\$32.13	\$64.26	\$28.00	\$23.45	\$46.90
92235	\$1,160.80	8	\$145.10	\$104.76	\$838.10	\$117.00	\$97.99	\$783.92
92250	\$421.00	13	\$32.38	\$23.38	\$303.96	\$23.00	\$19.26	\$250.42
92280	\$180.00	1	\$180.00	\$129.96	\$129.96	\$47.00	\$39.36	\$39.36
93000	\$10,790.15	225	\$47.96	\$34.62	\$7,790.49	\$24.00	\$20.10	\$4,522.61
93005	\$40.00	1	\$40.00	\$28.88	\$28.88	\$10.00	\$8.38	\$8.38
93010	\$1,687.88	77	\$21.92	\$15.83	\$1,218.65	\$9.00	\$7.54	\$580.40
93015	\$7,043.85	39	\$180.61	\$130.40	\$5,085.66	\$96.00	\$80.40	\$3,135.67
93018	\$527.90	5	\$105.58	\$76.23	\$381.14	\$48.00	\$40.20	\$201.00
93040	\$187.00	9	\$20.78	\$15.00	\$135.01	\$12.00	\$10.05	\$90.45
93042	\$83.25	7	\$11.89	\$8.59	\$60.11	\$8.00	\$6.70	\$46.90
93501	\$733.00	1	\$733.00	\$529.23	\$529.23	\$258.00	\$216.08	\$216.08
93503	\$1,023.00	3	\$341.00	\$246.20	\$738.61	\$205.00	\$171.69	\$515.07
93505	\$1,880.00	4	\$470.00	\$339.34	\$1,357.36	\$228.00	\$190.95	\$763.82

Total

\$125,813.49

\$114,715.95

## CPT-4 CODES FOR CALIF. CACHEMENT AREAS

FT. ORD

CPT Code	ToT Allowed	No. Procdres.	Allowed	Govt Cost/Proc	ToT Govt	RBRVS Fee	Allwd RBRVS	RBRVS ToT All.
19160	\$780.00	1	\$780.00	\$563.16	\$563.16	\$367.00	\$283.52	\$283.52
19240	\$6,491.00	6	\$1,081.83	\$781.08	\$4,686.50	\$912.00	\$704.56	\$4,227.34
20550	\$3,097.00	95	\$32.60	\$23.54	\$2,236.03	\$33.00	\$25.49	\$2,421.91
20600	\$922.52	28	\$32.95	\$23.79	\$666.06	\$36.00	\$27.81	\$778.72
20605	\$643.88	17	\$37.88	\$27.35	\$464.88	\$42.00	\$32.45	\$551.59
20610	\$1,139.00	32	\$35.59	\$25.70	\$822.36	\$42.00	\$32.45	\$1,038.29
27130	\$35,850.40	19	\$1,886.86	\$1,362.32	\$25,883.99	\$1,982.00	\$1,531.17	\$29,092.31
27134	\$7,560.00	4	\$1,890.00	\$1,364.58	\$5,458.32	\$2,437.00	\$1,882.68	\$7,530.72
27235	\$3,018.00	3	\$1,006.00	\$726.33	\$2,179.00	\$1,198.00	\$925.50	\$2,776.51
27236	\$448.00	1	\$448.00	\$323.46	\$323.46	\$1,197.00	\$924.73	\$924.73
27244	\$3,218.40	3	\$1,072.80	\$774.56	\$2,323.68	\$1,185.00	\$915.46	\$2,746.38
28290	\$2,303.20	5	\$460.64	\$332.58	\$1,662.91	\$315.00	\$243.35	\$1,216.75
28292	\$9,739.70	14	\$695.69	\$502.29	\$7,032.06	\$446.00	\$344.55	\$4,823.74
28293	\$805.20	1	\$0.00	\$0.00	\$0.00	\$502.00	\$387.82	\$387.82
28294	\$1,171.20	2	\$585.60	\$422.80	\$845.61	\$495.00	\$382.41	\$764.81
28296	\$32,318.50	38	\$850.49	\$614.05	\$23,333.96	\$513.00	\$396.31	\$15,059.89
28298	\$1,555.00	3	\$518.33	\$374.24	\$1,122.71	\$395.00	\$305.15	\$915.46
29870	\$4,091.80	13	\$314.75	\$227.25	\$2,954.28	\$218.00	\$168.41	\$2,189.38
29874	\$240.00	2	\$120.00	\$86.64	\$173.28	\$484.00	\$373.91	\$747.82
29875	\$2,298.00	1	\$2,298.00	\$1,659.16	\$1,659.16	\$610.00	\$471.25	\$471.25
29876	\$400.00	1	\$400.00	\$288.80	\$288.80	\$629.00	\$485.93	\$485.93
29877	\$4,120.00	5	\$824.00	\$594.93	\$2,974.64	\$722.00	\$557.77	\$2,788.87
29881	\$8,366.20	10	\$836.62	\$604.04	\$6,040.40	\$700.00	\$540.78	\$5,407.78
31001	\$75.00	1	\$75.00	\$54.15	\$54.15	\$46.00	\$35.54	\$35.54
31030	\$1,348.00	1	\$1,348.00	\$973.26	\$973.26	\$540.00	\$417.17	\$417.17
31032	\$296.00	1	\$296.00	\$213.71	\$213.71	\$557.00	\$430.30	\$430.30
31500	\$1,983.00	13	\$152.54	\$110.13	\$1,431.73	\$102.00	\$78.80	\$1,024.39
32000	\$234.00	2	\$117.00	\$84.47	\$168.95	\$132.00	\$101.98	\$203.95
32035	\$918.00	1	\$918.00	\$662.80	\$662.80	\$550.00	\$424.90	\$424.90
32480	\$3,560.00	3	\$1,186.67	\$856.77	\$2,570.32	\$1,520.00	\$1,174.26	\$3,522.78
33210	\$450.00	2	\$225.00	\$162.45	\$324.90	\$206.00	\$159.14	\$318.29
33405	\$9,576.00	5	\$1,915.20	\$1,382.77	\$6,913.87	\$2,513.00	\$1,941.39	\$9,706.97
33511	\$6,912.00	3	\$2,304.00	\$1,663.49	\$4,990.46	\$2,624.00	\$2,027.14	\$6,081.43
33512	\$9,576.00	3	\$3,192.00	\$2,304.62	\$6,913.87	\$2,874.00	\$2,220.28	\$6,660.84
33513	\$14,637.60	6	\$2,439.60	\$1,761.39	\$10,568.35	\$3,046.00	\$2,353.16	\$14,118.94
35082	\$6,378.00	4	\$1,594.50	\$1,151.23	\$4,604.92	\$2,162.00	\$1,670.23	\$6,680.93
35092	\$4,000.00	1	\$4,000.00	\$2,888.00	\$2,888.00	\$2,345.00	\$1,811.61	\$1,811.61
35301	\$7,021.00	5	\$1,404.20	\$1,013.83	\$5,069.16	\$1,240.00	\$957.95	\$4,789.75
44120	\$4,519.00	4	\$1,129.75	\$815.68	\$3,262.72	\$964.00	\$744.73	\$2,978.91
44125	\$1,752.70	1	\$1,752.70	\$1,265.45	\$1,265.45	\$972.00	\$750.91	\$750.91
44130	\$2,043.00	2	\$1,021.50	\$737.52	\$1,475.05	\$883.00	\$682.15	\$1,364.31
44140	\$3,339.00	4	\$834.75	\$602.69	\$2,410.76	\$1,096.00	\$846.70	\$3,386.82
44141	\$840.00	1	\$840.00	\$606.48	\$606.48	\$1,127.00	\$870.65	\$870.65
44143	\$2,323.20	1	\$2,323.20	\$1,677.35	\$1,677.35	\$1,253.00	\$967.99	\$967.99
44144	\$560.00	1	\$560.00	\$404.32	\$404.32	\$1,180.00	\$911.60	\$911.60
44145	\$4,674.00	4	\$1,168.50	\$843.66	\$3,374.63	\$1,291.00	\$997.35	\$3,989.40
44153	\$2,883.00	2	\$1,441.50	\$1,040.76	\$2,081.53	\$1,526.00	\$1,178.90	\$2,357.79
44950	\$3,676.40	9	\$408.49	\$294.93	\$2,654.36	\$445.00	\$343.78	\$3,094.02

44960	\$475.80	1	\$475.80	\$343.53	\$343.53	\$527.00	\$407.13	\$407.13
45378	\$9,516.00	18	\$528.67	\$381.70	\$6,870.55	\$306.00	\$236.40	\$4,255.15
45380	\$3,203.50	5	\$640.70	\$462.59	\$2,312.93	\$342.00	\$264.21	\$1,321.04
45385	\$7,436.00	9	\$826.22	\$596.53	\$5,368.79	\$460.00	\$355.37	\$3,198.32
47600	\$929.50	3	\$309.83	\$223.70	\$671.10	\$710.00	\$548.50	\$1,645.51
47605	\$10,384.20	16	\$649.01	\$468.59	\$7,497.39	\$760.00	\$587.13	\$9,394.09
49500	\$239.20	1	\$239.20	\$172.70	\$172.70	\$411.00	\$317.51	\$317.51
49505	\$6,505.00	12	\$542.08	\$391.38	\$4,696.61	\$412.00	\$318.29	\$3,819.44
49525	\$3,270.16	5	\$654.03	\$472.21	\$2,361.06	\$505.00	\$390.13	\$1,950.66
49550	\$855.00	1	\$855.00	\$617.31	\$617.31	\$425.00	\$328.33	\$328.33
49560	\$4,591.00	6	\$765.17	\$552.45	\$3,314.70	\$500.00	\$386.27	\$2,317.62
49581	\$3,625.20	6	\$604.20	\$436.23	\$2,617.39	\$386.00	\$298.20	\$1,789.20
49590	\$250.00	1	\$250.00	\$180.50	\$180.50	\$432.00	\$333.74	\$333.74
50590	\$3,628.00	7	\$518.29	\$374.20	\$2,619.42	\$820.00	\$633.48	\$4,434.38
52601	\$1,725.00	1	\$1,725.00	\$1,245.45	\$1,245.45	\$929.00	\$717.69	\$717.69
58102	\$130.00	1	\$130.00	\$93.86	\$93.86	\$67.00	\$51.76	\$51.76
58120	\$18,973.13	56	\$338.81	\$244.62	\$13,698.60	\$227.00	\$175.37	\$9,820.53
58150	\$33,988.80	35	\$971.11	\$701.14	\$24,539.91	\$813.00	\$628.08	\$21,982.63
63001	\$525.00	1	\$525.00	\$379.05	\$379.05	\$1,461.00	\$1,128.68	\$1,128.68
63003	\$703.00	1	\$703.00	\$507.57	\$507.57	\$1,410.00	\$1,089.28	\$1,089.28
63005	\$680.00	1	\$680.00	\$490.96	\$490.96	\$1,388.00	\$1,072.29	\$1,072.29
63030	\$5,205.00	4	\$1,301.25	\$939.50	\$3,758.01	\$1,205.00	\$930.91	\$3,723.64
63031	\$8,535.20	7	\$1,219.31	\$880.34	\$6,162.41	\$1,480.00	\$1,143.36	\$8,003.51
63035	\$2,064.80	8	\$258.10	\$186.35	\$1,490.79	\$428.00	\$330.65	\$2,645.18
64719	\$1,123.20	1	\$1,123.20	\$810.95	\$810.95	\$254.00	\$196.23	\$196.23
64721	\$7,667.50	15	\$511.17	\$369.06	\$5,535.94	\$341.00	\$263.44	\$3,951.54
65855	\$2,080.00	2	\$1,040.00	\$750.88	\$1,501.76	\$641.00	\$495.20	\$990.40
66940	\$2,710.00	2	\$1,355.00	\$978.31	\$1,956.62	\$931.00	\$719.23	\$1,438.47
66983	\$3,920.20	5	\$784.04	\$566.08	\$2,830.38	\$1,268.00	\$979.58	\$4,897.90
66984	\$25,980.00	18	\$1,443.33	\$1,042.09	\$18,757.56	\$1,227.00	\$947.91	\$17,062.32
66985	\$385.00	1	\$385.00	\$277.97	\$277.97	\$847.00	\$654.34	\$654.34
67208	\$1,200.00	1	\$1,200.00	\$866.40	\$866.40	\$651.00	\$502.92	\$502.92
67227	\$800.00	1	\$800.00	\$577.60	\$577.60	\$670.00	\$517.60	\$517.60
67228	\$23,677.50	21	\$1,127.50	\$814.06	\$17,095.16	\$605.00	\$467.39	\$9,815.12
69631	\$3,125.00	3	\$1,041.67	\$752.08	\$2,256.25	\$1,085.00	\$838.21	\$2,514.62
76700	\$555.68	7	\$79.38	\$57.31	\$401.20	\$103.00	\$79.57	\$557.00
76705	\$741.50	10	\$74.15	\$53.54	\$535.36	\$69.00	\$53.31	\$533.05
76770	\$557.00	6	\$92.83	\$67.03	\$402.15	\$93.00	\$71.85	\$431.08
92225	\$310.00	4	\$77.50	\$55.96	\$223.82	\$31.00	\$23.95	\$95.79
92226	\$350.00	7	\$50.00	\$36.10	\$252.70	\$28.00	\$21.63	\$151.42
92230	\$75.60	1	\$75.60	\$54.58	\$54.58	\$49.00	\$37.85	\$37.85
92235	\$2,275.00	14	\$162.50	\$117.33	\$1,642.55	\$117.00	\$90.39	\$1,265.42
92250	\$1,012.20	28	\$36.15	\$26.10	\$730.81	\$23.00	\$17.77	\$497.52
92283	\$60.00	2	\$30.00	\$21.66	\$43.32	\$19.00	\$14.68	\$29.36
93000	\$10,418.32	228	\$45.69	\$32.99	\$7,522.03	\$24.00	\$18.54	\$4,227.34
93005	\$135.00	3	\$45.00	\$32.49	\$97.47	\$10.00	\$7.73	\$23.18
93010	\$2,458.71	122	\$20.15	\$14.55	\$1,775.19	\$9.00	\$6.95	\$848.25
93012	\$157.50	3	\$52.50	\$37.91	\$113.72	\$24.00	\$18.54	\$55.62
93015	\$6,248.50	41	\$152.40	\$110.03	\$4,511.42	\$96.00	\$74.16	\$3,040.72
93018	\$478.00	5	\$95.60	\$69.02	\$345.12	\$48.00	\$37.06	\$185.41
93024	\$20.00	1	\$20.00	\$14.44	\$14.44	\$84.00	\$64.89	\$64.89
93040	\$53.00	2	\$26.50	\$19.13	\$38.27	\$12.00	\$9.27	\$18.54

93042	\$152.19	15	\$10.15	\$7.33	\$109.88	\$8.00	\$6.18	\$92.70
93045	\$8.00	1	\$8.00	\$5.78	\$5.78	\$18.00	\$13.91	\$13.91
93501	\$5,400.00	7	\$771.43	\$556.97	\$3,898.80	\$258.00	\$199.32	\$1,395.21
93503	\$1,350.00	4	\$337.50	\$243.68	\$974.70	\$205.00	\$158.37	\$633.48
93505	\$874.00	2	\$437.00	\$315.51	\$631.03	\$228.00	\$176.14	\$352.28

Total

\$330,057.81

\$307,370.49

## CPT-4 CODES FOR CALIF. CACHEMENT AREAS

MATHER

CPT Code	ToT Allowed	No. of Proc.	Allowed	Govt Cost/Proc	ToT Govt	RBRVS Fee	RBRVS Allowed	RBRVS ToT All.
19160	\$618.60	1	\$618.60	\$446.63	\$446.63	\$367.00	\$283.52	\$283.52
19180	\$422.40	1	\$422.40	\$304.97	\$304.97	\$520.00	\$401.72	\$401.72
19240	\$5,138.50	5	\$1,027.70	\$742.00	\$3,710.00	\$912.00	\$704.56	\$3,522.78
20550	\$3,374.63	97	\$34.79	\$25.12	\$2,436.48	\$33.00	\$25.49	\$2,472.90
20600	\$340.92	9	\$37.88	\$27.35	\$246.14	\$36.00	\$27.81	\$250.30
20605	\$619.78	19	\$32.62	\$23.55	\$447.48	\$42.00	\$32.45	\$616.49
20610	\$1,983.52	49	\$40.48	\$29.23	\$1,432.10	\$42.00	\$32.45	\$1,589.89
27125	\$3,932.01	3	\$1,310.67	\$946.30	\$2,838.91	\$1,296.00	\$1,001.21	\$3,003.64
27130	\$8,727.99	3	\$2,909.33	\$2,100.54	\$6,301.61	\$1,982.00	\$1,531.17	\$4,593.52
27234	\$865.00	1	\$865.00	\$624.53	\$624.53	\$1,600.00	\$1,236.06	\$1,236.06
27235	\$378.00	1	\$378.00	\$272.92	\$272.92	\$1,198.00	\$925.50	\$925.50
27236	\$2,068.00	2	\$1,034.00	\$746.55	\$1,493.10	\$1,197.00	\$924.73	\$1,849.46
27244	\$11,999.40	21	\$571.40	\$412.55	\$8,663.57	\$1,185.00	\$915.46	\$19,224.66
28290	\$1,832.94	9	\$203.66	\$147.04	\$1,323.38	\$315.00	\$243.35	\$2,190.15
28292	\$4,915.92	12	\$409.66	\$295.77	\$3,549.29	\$446.00	\$344.55	\$4,134.63
28293	\$742.50	1	\$742.50	\$536.09	\$536.09	\$502.00	\$387.82	\$387.82
28296	\$17,046.36	36	\$473.51	\$341.87	\$12,307.47	\$513.00	\$396.31	\$14,267.27
28298	\$326.25	1	\$326.25	\$235.55	\$235.55	\$395.00	\$305.15	\$305.15
29870	\$5,125.55	23	\$222.85	\$160.90	\$3,700.65	\$218.00	\$168.41	\$3,873.52
29872	\$300.00	1	\$300.00	\$216.60	\$216.60	\$423.00	\$326.78	\$326.78
29874	\$425.00	2	\$212.50	\$153.43	\$306.85	\$484.00	\$373.91	\$747.82
29877	\$4,449.90	5	\$889.98	\$642.57	\$3,212.83	\$722.00	\$557.77	\$2,788.87
29879	\$1,886.00	2	\$943.00	\$680.85	\$1,361.69	\$719.00	\$555.46	\$1,110.91
29881	\$15,632.96	14	\$1,116.64	\$806.21	\$11,287.00	\$700.00	\$540.78	\$7,570.89
29882	\$1,430.00	1	\$1,430.00	\$1,032.46	\$1,032.46	\$680.00	\$525.33	\$525.33
31000	\$322.00	2	\$161.00	\$116.24	\$232.48	\$31.00	\$23.95	\$47.90
31001	\$64.00	2	\$32.00	\$23.10	\$46.21	\$46.00	\$35.54	\$71.07
31020	\$907.20	2	\$453.60	\$327.50	\$655.00	\$159.00	\$122.83	\$245.67
31021	\$888.00	2	\$444.00	\$320.57	\$641.14	\$244.00	\$188.50	\$377.00
31030	\$1,611.00	2	\$805.50	\$581.57	\$1,163.14	\$540.00	\$417.17	\$834.34
31031	\$2,036.40	2	\$1,018.20	\$735.14	\$1,470.28	\$761.00	\$587.90	\$1,175.81
31500	\$2,671.97	19	\$140.63	\$101.53	\$1,929.16	\$102.00	\$78.80	\$1,497.18
32000	\$87.50	1	\$87.50	\$63.18	\$63.18	\$132.00	\$101.98	\$101.98
32020	\$1,179.00	3	\$393.00	\$283.75	\$851.24	\$203.00	\$156.83	\$470.48
32480	\$6,932.00	5	\$1,386.40	\$1,000.98	\$5,004.90	\$1,520.00	\$1,174.26	\$5,871.30
32500	\$2,415.20	1	\$2,415.20	\$1,743.77	\$1,743.77	\$1,201.00	\$927.82	\$927.82
33206	\$1,270.00	2	\$635.00	\$458.47	\$916.94	\$676.00	\$522.24	\$1,044.47
33208	\$3,812.00	2	\$1,906.00	\$1,376.13	\$2,752.26	\$857.00	\$662.07	\$1,324.13
33210	\$1,224.99	3	\$408.33	\$294.81	\$884.44	\$206.00	\$159.14	\$477.43
33212	\$824.80	1	\$824.80	\$595.51	\$595.51	\$386.00	\$298.20	\$298.20
33510	\$15,142.44	6	\$2,523.74	\$1,822.14	\$10,932.84	\$2,198.00	\$1,698.04	\$10,188.26
33511	\$35,123.34	14	\$2,508.81	\$1,811.36	\$25,359.05	\$2,624.00	\$2,027.14	\$28,380.03
33512	\$35,894.44	37	\$970.12	\$700.43	\$25,915.79	\$2,874.00	\$2,220.28	\$82,150.36
33513	\$24,860.22	11	\$2,260.02	\$1,631.73	\$17,949.08	\$3,046.00	\$2,353.16	\$25,884.73
33514	\$23,272.64	8	\$2,909.08	\$2,100.36	\$16,802.85	\$3,152.00	\$2,435.05	\$19,480.37
33516	\$40,297.50	15	\$2,686.50	\$1,939.65	\$29,094.80	\$3,315.00	\$2,560.97	\$38,414.55
35081	\$6,164.79	3	\$2,054.93	\$1,483.66	\$4,450.98	\$1,919.00	\$1,482.50	\$4,447.51
35082	\$12,708.54	6	\$2,118.09	\$1,529.26	\$9,175.57	\$2,126.00	\$1,642.42	\$9,854.52



35103	\$3,157.00	2	\$1,578.50	\$1,139.68	\$2,279.35	\$2,241.00	\$1,731.26	\$3,462.52
35301	\$3,305.01	3	\$1,101.67	\$795.41	\$2,386.22	\$1,240.00	\$957.95	\$2,873.85
35321	\$235.00	2	\$117.50	\$84.84	\$169.67	\$969.00	\$748.59	\$1,497.18
35341	\$1,330.00	1	\$1,330.00	\$960.26	\$960.26	\$1,134.00	\$876.06	\$876.06
35371	\$1,531.00	2	\$765.50	\$552.69	\$1,105.38	\$1,069.00	\$825.85	\$1,651.69
35381	\$1,382.40	1	\$1,382.40	\$998.09	\$998.09	\$1,140.00	\$880.70	\$880.70
39400	\$6,221.60	4	\$1,555.40	\$1,123.00	\$4,492.00	\$451.00	\$348.42	\$1,393.66
44120	\$4,527.60	6	\$754.60	\$544.82	\$3,268.93	\$964.00	\$744.73	\$4,468.37
44130	\$311.00	1	\$311.00	\$224.54	\$224.54	\$883.00	\$682.15	\$682.15
44140	\$7,340.00	5	\$1,468.00	\$1,059.90	\$5,299.48	\$1,096.00	\$846.70	\$4,233.52
44141	\$2,592.00	2	\$1,296.00	\$935.71	\$1,871.42	\$1,127.00	\$870.65	\$1,741.31
44143	\$3,222.84	3	\$1,074.28	\$775.63	\$2,326.89	\$1,253.00	\$967.99	\$2,903.98
44150	\$3,641.13	3	\$1,213.71	\$876.30	\$2,628.90	\$1,408.00	\$1,087.74	\$3,263.21
44160	\$2,900.00	2	\$1,450.00	\$1,046.90	\$2,093.80	\$1,170.00	\$903.87	\$1,807.74
44950	\$3,223.54	17	\$189.62	\$136.91	\$2,327.40	\$445.00	\$343.78	\$5,844.27
44960	\$3,364.52	4	\$841.13	\$607.30	\$2,429.18	\$527.00	\$407.13	\$1,628.51
45378	\$14,716.52	28	\$525.59	\$379.48	\$10,625.33	\$306.00	\$236.40	\$6,619.12
45380	\$11,331.98	22	\$515.09	\$371.89	\$8,181.69	\$342.00	\$264.21	\$5,812.59
45383	\$600.00	1	\$600.00	\$433.20	\$433.20	\$370.00	\$285.84	\$285.84
45385	\$31,938.12	36	\$887.17	\$640.54	\$23,059.32	\$460.00	\$355.37	\$12,793.26
47600	\$1,679.80	4	\$419.95	\$303.20	\$1,212.82	\$710.00	\$548.50	\$2,194.01
47605	\$6,637.50	9	\$737.50	\$532.48	\$4,792.28	\$760.00	\$587.13	\$5,284.17
49505	\$10,689.71	23	\$464.77	\$335.56	\$7,717.97	\$412.00	\$318.29	\$7,320.59
49510	\$1,572.00	2	\$786.00	\$567.49	\$1,134.98	\$443.00	\$342.24	\$684.47
49525	\$1,031.00	1	\$1,031.00	\$744.38	\$744.38	\$505.00	\$390.13	\$390.13
49560	\$4,060.98	9	\$451.22	\$325.78	\$2,932.03	\$500.00	\$386.27	\$3,476.43
49565	\$123.72	1	\$123.72	\$89.33	\$89.33	\$556.00	\$429.53	\$429.53
49581	\$440.00	1	\$440.00	\$317.68	\$317.68	\$386.00	\$298.20	\$298.20
50590	\$17,724.95	23	\$770.65	\$556.41	\$12,797.41	\$432.00	\$333.74	\$7,675.96
52601	\$18,591.88	17	\$1,093.64	\$789.61	\$13,423.34	\$929.00	\$717.69	\$12,200.72
58102	\$230.49	3	\$76.83	\$55.47	\$166.41	\$67.00	\$51.76	\$155.28
58120	\$14,391.69	51	\$282.19	\$203.74	\$10,390.80	\$227.00	\$175.37	\$8,943.70
58150	\$22,686.00	25	\$907.44	\$655.17	\$16,379.29	\$813.00	\$628.08	\$15,701.88
58152	\$1,900.00	1	\$1,900.00	\$1,371.80	\$1,371.80	\$930.00	\$718.46	\$718.46
58260	\$3,007.92	12	\$250.66	\$180.98	\$2,171.72	\$786.00	\$607.22	\$7,286.60
58265	\$4,410.00	4	\$1,102.50	\$796.01	\$3,184.02	\$839.00	\$648.16	\$2,592.64
63001	\$960.00	1	\$960.00	\$693.12	\$693.12	\$1,461.00	\$1,128.68	\$1,128.68
63005	\$1,294.00	2	\$647.00	\$467.13	\$934.27	\$1,388.00	\$1,072.29	\$2,144.57
63010	\$3,816.99	3	\$1,272.33	\$918.62	\$2,755.87	\$1,436.00	\$1,109.37	\$3,328.10
63015	\$4,480.00	1	\$4,480.00	\$3,234.56	\$3,234.56	\$1,749.00	\$1,351.17	\$1,351.17
63017	\$3,000.00	1	\$3,000.00	\$2,166.00	\$2,166.00	\$1,685.00	\$1,301.73	\$1,301.73
63030	\$12,583.98	9	\$1,398.22	\$1,009.51	\$9,085.63	\$1,205.00	\$930.91	\$8,378.20
63031	\$5,694.00	2	\$2,847.00	\$2,055.53	\$4,111.07	\$1,480.00	\$1,143.36	\$2,286.72
64718	\$1,237.20	1	\$1,237.20	\$893.26	\$893.26	\$432.00	\$333.74	\$333.74
64721	\$8,672.44	14	\$619.46	\$447.25	\$6,261.50	\$341.00	\$263.44	\$3,688.11
65855	\$4,818.00	6	\$803.00	\$579.77	\$3,478.60	\$641.00	\$495.20	\$2,971.19
66983	\$8,862.00	10	\$886.20	\$639.84	\$6,398.36	\$1,268.00	\$979.58	\$9,795.81
66984	\$77,127.04	64	\$1,205.11	\$870.09	\$55,685.72	\$1,227.00	\$947.91	\$60,666.02
66985	\$2,648.01	3	\$882.67	\$637.29	\$1,911.86	\$847.00	\$654.34	\$1,963.02
67107	\$3,420.00	3	\$1,140.00	\$823.08	\$2,469.24	\$1,420.00	\$1,097.01	\$3,291.02
67108	\$4,118.00	2	\$2,059.00	\$1,486.60	\$2,973.20	\$2,172.00	\$1,677.96	\$3,355.91
67210	\$1,724.00	2	\$862.00	\$622.36	\$1,244.73	\$606.00	\$468.16	\$936.32

67227	\$2,100.00	2	\$1,050.00	\$758.10	\$1,516.20	\$670.00	\$517.60	\$1,035.20
67228	\$25,717.49	29	\$886.81	\$640.28	\$18,568.03	\$605.00	\$467.39	\$13,534.21
69631	\$6,978.00	5	\$1,395.60	\$1,007.62	\$5,038.12	\$1,085.00	\$838.21	\$4,191.03
69644	\$2,640.00	1	\$2,640.00	\$1,906.08	\$1,906.08	\$1,631.00	\$1,275.46	\$1,275.46
76700	\$7,635.30	62	\$123.15	\$88.91	\$5,512.69	\$103.00	\$79.57	\$4,933.44
76705	\$1,409.99	19	\$74.21	\$53.58	\$1,018.01	\$69.00	\$53.31	\$1,012.80
76770	\$2,262.60	18	\$125.70	\$90.76	\$1,633.60	\$93.00	\$71.85	\$1,293.23
92225	\$150.00	4	\$37.50	\$27.08	\$108.30	\$31.00	\$23.95	\$95.79
92226	\$33.00	1	\$33.00	\$23.83	\$23.83	\$28.00	\$21.63	\$21.63
92235	\$2,936.16	36	\$81.56	\$58.89	\$2,119.91	\$117.00	\$90.39	\$3,253.94
92250	\$9,538.20	28	\$340.65	\$245.95	\$6,886.58	\$23.00	\$17.77	\$497.52
92265	\$175.00	1	\$175.00	\$126.35	\$126.35	\$19.00	\$14.68	\$14.68
92280	\$630.96	6	\$105.16	\$75.93	\$455.55	\$47.00	\$36.31	\$217.86
92284	\$74.00	4	\$18.50	\$13.36	\$53.43	\$26.00	\$20.09	\$80.34
92285	\$15.00	1	\$15.00	\$10.83	\$10.83	\$16.00	\$12.36	\$12.36
92286	\$375.20	2	\$187.60	\$135.45	\$270.89	\$69.00	\$53.31	\$106.61
93000	\$37,471.17	813	\$46.09	\$33.28	\$27,054.18	\$24.00	\$18.54	\$15,073.80
93005	\$153.52	4	\$38.38	\$27.71	\$110.84	\$10.00	\$7.73	\$30.90
93010	\$11,432.08	484	\$23.62	\$17.05	\$8,253.96	\$9.00	\$6.95	\$3,365.18
93012	\$46.35	3	\$15.45	\$11.15	\$33.46	\$24.00	\$18.54	\$55.62
93014	\$434.28	28	\$15.51	\$11.20	\$313.55	\$13.00	\$10.04	\$281.20
93015	\$23,598.90	130	\$181.53	\$131.06	\$17,038.41	\$96.00	\$74.16	\$9,641.30
93017	\$304.00	4	\$76.00	\$54.87	\$219.49	\$34.00	\$26.27	\$105.07
93018	\$3,550.51	43	\$82.57	\$59.62	\$2,563.47	\$48.00	\$37.08	\$1,594.52
93040	\$912.50	50	\$18.25	\$13.18	\$658.83	\$12.00	\$9.27	\$463.52
93042	\$1,517.40	108	\$14.05	\$10.14	\$1,095.56	\$8.00	\$6.18	\$667.47
93501	\$5,006.00	8	\$625.75	\$451.79	\$3,614.33	\$258.00	\$199.32	\$1,594.52
93503	\$5,496.10	17	\$323.30	\$233.42	\$3,968.18	\$205.00	\$158.37	\$2,692.30
93505	\$8,460.00	18	\$470.00	\$339.34	\$6,108.12	\$228.00	\$176.14	\$3,170.50

Total

\$603,483.97

\$629,089.37

## CPT-4 CODES FOR CALIF. CACHEMENT AREAS

MARCH

CPT Code	ToT Allowed	No. Procdres.	Allowed	Govt Cost/Proc	ToT Govt	RBRVS Fee	Allwd RBRVS	RBRVS ToT All.
19160	\$3,481.00	6	\$580.17	\$418.88	\$2,513.28	\$367.00	\$283.52	\$1,701.13
19162	\$1,367.40	1	\$1,367.40	\$987.26	\$987.26	\$839.00	\$648.16	\$648.16
19180	\$3,052.80	4	\$763.20	\$551.03	\$2,204.12	\$520.00	\$401.72	\$1,606.88
19182	\$440.00	1	\$440.00	\$317.68	\$317.68	\$547.00	\$422.58	\$422.58
19220	\$435.00	1	\$435.00	\$314.07	\$314.07	\$997.00	\$770.22	\$770.22
19240	\$20,723.00	21	\$986.81	\$712.48	\$14,962.01	\$912.00	\$704.56	\$14,795.69
20550	\$7,340.25	204	\$35.98	\$25.98	\$5,299.66	\$33.00	\$25.49	\$5,200.74
20600	\$1,134.00	32	\$35.44	\$25.59	\$818.75	\$36.00	\$27.81	\$889.97
20605	\$1,623.00	34	\$47.74	\$34.46	\$1,171.81	\$42.00	\$32.45	\$1,103.19
20610	\$4,098.69	93	\$44.07	\$31.82	\$2,959.25	\$42.00	\$32.45	\$3,017.54
27130	\$27,515.50	11	\$2,501.41	\$1,806.02	\$19,866.19	\$1,982.00	\$1,531.17	\$16,842.92
27235	\$6,039.84	4	\$1,509.96	\$1,090.19	\$4,360.76	\$1,198.00	\$925.50	\$3,702.01
27236	\$12,775.50	7	\$1,825.07	\$1,317.70	\$9,223.91	\$1,197.00	\$924.73	\$6,473.11
27244	\$3,649.80	5	\$729.96	\$527.03	\$2,635.16	\$1,185.00	\$915.46	\$4,577.30
29870	\$9,766.40	49	\$199.31	\$143.90	\$7,051.34	\$218.00	\$168.41	\$8,252.27
29871	\$860.00	10	\$86.00	\$62.09	\$620.92	\$390.00	\$301.29	\$3,012.91
29872	\$79.50	1	\$79.50	\$57.40	\$57.40	\$423.00	\$326.78	\$326.78
29874	\$2,306.00	5	\$461.20	\$332.99	\$1,664.93	\$484.00	\$373.91	\$1,869.55
29875	\$6,910.80	5	\$1,382.16	\$997.92	\$4,989.60	\$610.00	\$471.25	\$2,356.25
29876	\$2,370.00	2	\$1,185.00	\$855.57	\$1,711.14	\$629.00	\$485.93	\$971.86
29877	\$15,684.20	14	\$1,120.30	\$808.86	\$11,323.99	\$722.00	\$557.77	\$7,808.83
29879	\$4,151.50	4	\$1,037.88	\$749.35	\$2,997.38	\$719.00	\$555.46	\$2,221.83
29880	\$2,192.00	2	\$1,096.00	\$791.31	\$1,582.62	\$929.00	\$717.69	\$1,435.38
29881	\$30,821.01	21	\$1,467.67	\$1,059.66	\$22,252.77	\$700.00	\$540.78	\$11,356.34
29882	\$3,950.00	2	\$1,975.00	\$1,425.95	\$2,851.90	\$680.00	\$525.33	\$1,050.65
29884	\$1,900.00	1	\$1,900.00	\$1,371.80	\$1,371.80	\$457.00	\$353.05	\$353.05
29887	\$380.00	1	\$380.00	\$274.36	\$274.36	\$508.00	\$392.45	\$392.45
31020	\$175.00	1	\$175.00	\$126.35	\$126.35	\$159.00	\$122.83	\$122.83
31021	\$620.00	2	\$310.00	\$223.82	\$447.64	\$244.00	\$188.50	\$377.00
31030	\$1,399.20	1	\$1,399.20	\$1,010.22	\$1,010.22	\$540.00	\$417.17	\$417.17
31031	\$1,908.00	1	\$1,908.00	\$1,377.58	\$1,377.58	\$761.00	\$587.90	\$587.90
31500	\$4,237.00	27	\$156.93	\$113.30	\$3,059.11	\$102.00	\$78.80	\$2,127.58
32000	\$1,276.00	13	\$98.15	\$70.87	\$921.27	\$132.00	\$101.98	\$1,325.68
32020	\$1,533.00	8	\$191.63	\$138.35	\$1,106.83	\$203.00	\$156.83	\$1,254.60
32500	\$1,345.00	2	\$672.50	\$485.55	\$971.09	\$1,201.00	\$927.82	\$1,855.64
33206	\$1,300.00	1	\$1,300.00	\$938.60	\$938.60	\$676.00	\$522.24	\$522.24
33207	\$1,399.20	1	\$1,399.20	\$1,010.22	\$1,010.22	\$660.00	\$509.88	\$509.88
33208	\$2,000.00	1	\$2,000.00	\$1,444.00	\$1,444.00	\$857.00	\$662.07	\$662.07
33210	\$4,091.27	12	\$340.94	\$246.16	\$2,953.90	\$206.00	\$159.14	\$1,909.72
33212	\$889.50	3	\$296.50	\$214.07	\$642.22	\$386.00	\$298.20	\$894.60
33405	\$6,085.00	4	\$1,521.25	\$1,098.34	\$4,393.37	\$2,513.00	\$1,941.39	\$7,765.57
33510	\$2,672.88	2	\$1,336.44	\$964.91	\$1,929.82	\$2,198.00	\$1,698.04	\$3,396.09
33511	\$61,049.40	22	\$2,774.97	\$2,003.53	\$44,077.67	\$2,624.00	\$2,027.14	\$44,597.19
33512	\$84,679.00	23	\$3,681.70	\$2,658.18	\$61,138.24	\$2,874.00	\$2,220.28	\$51,066.44
33513	\$102,721.00	29	\$3,542.10	\$2,557.40	\$74,164.56	\$3,046.00	\$2,353.16	\$68,241.55
33514	\$30,655.00	46	\$666.41	\$481.15	\$22,132.91	\$3,152.00	\$2,435.05	\$112,012.12
33516	\$4,185.00	2	\$2,092.50	\$1,510.79	\$3,021.57	\$3,315.00	\$2,560.97	\$5,121.94
35102	\$4,353.00	2	\$2,176.50	\$1,571.43	\$3,142.87	\$2,033.00	\$1,570.57	\$3,141.15

35111	\$3,052.80	2	\$1,526.40	\$1,102.06	\$2,204.12	\$1,396.00	\$1,078.47	\$2,156.93
35141	\$3,553.00	3	\$1,184.33	\$855.09	\$2,565.27	\$1,319.00	\$1,018.98	\$3,056.94
35301	\$10,675.00	6	\$1,779.17	\$1,284.56	\$7,707.35	\$1,240.00	\$957.95	\$5,747.70
39400	\$3,628.20	10	\$362.82	\$261.96	\$2,619.56	\$451.00	\$348.42	\$3,484.16
44120	\$8,726.00	24	\$363.58	\$262.51	\$6,300.17	\$964.00	\$744.73	\$17,873.49
44130	\$295.00	3	\$98.33	\$71.00	\$212.99	\$883.00	\$682.15	\$2,046.46
44140	\$8,402.75	13	\$646.37	\$466.68	\$6,066.79	\$1,096.00	\$846.70	\$11,007.15
44141	\$2,544.00	1	\$2,544.00	\$1,836.77	\$1,836.77	\$1,127.00	\$870.65	\$870.65
44145	\$495.00	1	\$495.00	\$357.39	\$357.39	\$1,291.00	\$997.35	\$997.35
44950	\$17,288.00	34	\$508.47	\$367.12	\$12,481.94	\$445.00	\$343.78	\$11,688.53
44960	\$2,145.00	3	\$715.00	\$516.23	\$1,548.69	\$527.00	\$407.13	\$1,221.39
45378	\$54,391.13	92	\$591.21	\$426.85	\$39,270.40	\$306.00	\$236.40	\$21,748.55
45380	\$22,216.00	34	\$653.41	\$471.76	\$16,039.95	\$342.00	\$264.21	\$8,983.10
45385	\$24,801.73	24	\$1,033.41	\$746.12	\$17,906.85	\$460.00	\$355.37	\$8,528.84
47600	\$14,101.50	18	\$783.42	\$565.63	\$10,181.28	\$710.00	\$548.50	\$9,873.06
47605	\$23,033.80	43	\$535.67	\$386.75	\$16,630.40	\$760.00	\$587.13	\$25,246.61
47610	\$2,022.00	2	\$1,011.00	\$729.94	\$1,459.88	\$882.00	\$681.38	\$1,362.76
47620	\$3,922.00	3	\$1,307.33	\$943.89	\$2,831.68	\$1,030.00	\$795.72	\$2,387.15
49500	\$5,276.00	6	\$879.33	\$634.88	\$3,809.27	\$411.00	\$317.51	\$1,905.08
49505	\$6,415.25	12	\$534.60	\$385.98	\$4,631.81	\$412.00	\$318.29	\$3,819.44
49520	\$1,403.00	2	\$701.50	\$506.48	\$1,012.97	\$478.00	\$369.27	\$738.55
49550	\$980.00	2	\$490.00	\$353.78	\$707.56	\$425.00	\$328.33	\$656.66
49560	\$4,981.75	7	\$711.68	\$513.83	\$3,596.82	\$500.00	\$386.27	\$2,703.89
49565	\$560.00	1	\$560.00	\$404.32	\$404.32	\$556.00	\$429.53	\$429.53
49575	\$1,176.60	1	\$1,176.60	\$849.51	\$849.51	\$416.00	\$321.38	\$321.38
49580	\$400.00	1	\$400.00	\$288.80	\$288.80	\$336.00	\$259.57	\$259.57
49581	\$3,410.50	7	\$487.21	\$351.77	\$2,462.38	\$386.00	\$298.20	\$2,087.40
50590	\$7,190.00	6	\$1,198.33	\$865.20	\$5,191.18	\$820.00	\$633.48	\$3,800.90
58102	\$415.00	5	\$83.00	\$59.93	\$299.63	\$67.00	\$51.76	\$258.80
58120	\$53,377.06	162	\$329.49	\$237.89	\$38,538.24	\$227.00	\$175.37	\$28,409.39
58150	\$141,459.00	154	\$918.56	\$663.20	\$102,133.40	\$813.00	\$628.08	\$96,723.55
58152	\$14,650.00	9	\$1,627.78	\$1,175.26	\$10,577.30	\$930.00	\$718.46	\$6,466.16
58180	\$940.00	1	\$940.00	\$678.68	\$678.68	\$752.00	\$580.95	\$580.95
58200	\$2,820.00	2	\$1,410.00	\$1,018.02	\$2,036.04	\$989.00	\$764.04	\$1,528.08
58260	\$18,067.00	18	\$1,003.72	\$724.69	\$13,044.37	\$786.00	\$607.22	\$10,929.90
58265	\$10,656.78	21	\$507.47	\$366.39	\$7,694.20	\$839.00	\$648.16	\$13,611.38
58270	\$4,932.00	5	\$986.40	\$712.18	\$3,560.90	\$891.00	\$688.33	\$3,441.67
63001	\$800.00	1	\$800.00	\$577.60	\$577.60	\$1,461.00	\$1,128.68	\$1,128.68
63005	\$1,676.25	2	\$838.13	\$605.13	\$1,210.25	\$1,388.00	\$1,072.29	\$2,144.57
63030	\$4,402.50	5	\$880.50	\$635.72	\$3,178.61	\$1,205.00	\$930.91	\$4,654.55
63031	\$11,666.60	8	\$1,458.33	\$1,052.91	\$8,423.29	\$1,480.00	\$1,143.36	\$9,146.87
63035	\$2,162.40	10	\$216.24	\$156.13	\$1,561.25	\$428.00	\$330.65	\$3,306.47
64718	\$1,717.20	2	\$858.60	\$619.91	\$1,239.82	\$432.00	\$333.74	\$667.47
64719	\$2,252.25	5	\$450.45	\$325.22	\$1,626.12	\$254.00	\$196.23	\$981.13
64721	\$18,675.00	46	\$405.98	\$293.12	\$13,483.35	\$341.00	\$263.44	\$12,118.06
65855	\$1,337.50	1	\$1,337.50	\$965.68	\$965.68	\$641.00	\$495.20	\$495.20
66850	\$100.00	1	\$100.00	\$72.20	\$72.20	\$1,098.00	\$848.25	\$848.25
66983	\$17,644.00	27	\$653.48	\$471.81	\$12,738.97	\$1,268.00	\$979.58	\$26,448.68
66984	\$93,719.00	52	\$1,802.29	\$1,301.25	\$67,665.12	\$1,227.00	\$947.91	\$49,291.14
66985	\$6,935.00	5	\$1,387.00	\$1,001.41	\$5,007.07	\$847.00	\$654.34	\$3,271.71
67107	\$19,110.40	11	\$1,737.31	\$1,254.34	\$13,797.71	\$1,420.00	\$1,097.01	\$12,067.07
67108	\$840.00	1	\$840.00	\$606.48	\$606.48	\$2,127.00	\$1,643.19	\$1,643.19

67208	\$2,420.00	2	\$1,210.00	\$873.62	\$1,747.24	\$651.00	\$502.92	\$1,005.85
67210	\$6,595.00	5	\$1,319.00	\$952.32	\$4,761.59	\$606.00	\$468.16	\$2,340.80
67227	\$1,450.00	1	\$1,450.00	\$1,046.90	\$1,046.90	\$670.00	\$517.60	\$517.60
67228	\$23,450.56	20	\$1,172.53	\$846.57	\$16,931.30	\$605.00	\$467.39	\$9,347.73
69631	\$2,640.00	9	\$293.33	\$211.79	\$1,906.08	\$1,085.00	\$838.21	\$7,543.85
69632	\$1,136.00	2	\$568.00	\$410.10	\$820.19	\$1,221.00	\$943.27	\$1,886.54
69641	\$640.00	1	\$640.00	\$462.08	\$462.08	\$1,345.00	\$1,039.07	\$1,039.07
69643	\$3,180.00	1	\$3,180.00	\$2,295.96	\$2,295.96	\$1,455.00	\$1,124.05	\$1,124.05
69644	\$3,180.00	1	\$3,180.00	\$2,295.96	\$2,295.96	\$1,651.00	\$1,275.46	\$1,275.46
76700	\$11,421.82	97	\$117.75	\$85.02	\$8,246.55	\$103.00	\$79.57	\$7,718.45
76705	\$4,245.38	50	\$84.91	\$61.30	\$3,065.16	\$69.00	\$53.31	\$2,665.26
76770	\$8,174.00	68	\$120.21	\$86.79	\$5,901.63	\$93.00	\$71.85	\$4,885.54
76775	\$270.00	3	\$90.00	\$64.98	\$194.94	\$72.00	\$55.62	\$166.87
92225	\$872.09	15	\$58.14	\$41.98	\$629.65	\$31.00	\$23.95	\$359.23
92226	\$168.00	3	\$56.00	\$40.43	\$121.30	\$28.00	\$21.63	\$64.89
92235	\$5,675.00	36	\$157.64	\$113.82	\$4,097.35	\$117.00	\$90.39	\$3,253.94
92250	\$1,993.60	50	\$39.87	\$28.79	\$1,439.38	\$23.00	\$17.77	\$888.42
92275	\$100.00	1	\$100.00	\$72.20	\$72.20	\$61.00	\$47.12	\$47.12
92280	\$693.00	5	\$138.60	\$100.07	\$500.35	\$47.00	\$36.31	\$181.55
92285	\$100.00	1	\$100.00	\$72.20	\$72.20	\$16.00	\$12.36	\$12.36
92286	\$880.00	9	\$97.78	\$70.60	\$635.36	\$69.00	\$53.31	\$479.75
93000	\$49,496.59	1046	\$47.32	\$34.16	\$35,736.54	\$24.00	\$18.54	\$19,393.84
93005	\$598.24	24	\$24.93	\$18.00	\$431.93	\$10.00	\$7.73	\$185.41
93010	\$17,803.88	881	\$20.21	\$14.59	\$12,854.40	\$9.00	\$6.95	\$6,125.47
93012	\$443.00	8	\$55.38	\$39.98	\$319.85	\$24.00	\$18.54	\$148.33
93014	\$330.50	10	\$33.05	\$23.86	\$238.62	\$13.00	\$10.04	\$100.43
93015	\$37,046.20	195	\$189.98	\$137.17	\$26,747.36	\$96.00	\$74.16	\$14,461.95
93017	\$268.60	3	\$89.53	\$64.64	\$193.93	\$34.00	\$26.27	\$78.80
93018	\$7,327.30	93	\$78.79	\$56.89	\$5,290.31	\$48.00	\$37.08	\$3,448.62
93024	\$405.72	2	\$202.86	\$146.46	\$292.93	\$84.00	\$64.89	\$129.79
93040	\$606.00	28	\$21.64	\$15.63	\$437.53	\$12.00	\$9.27	\$259.57
93041	\$24.00	3	\$8.00	\$5.78	\$17.33	\$8.00	\$6.18	\$18.54
93042	\$1,111.70	86	\$12.93	\$9.33	\$802.65	\$8.00	\$6.18	\$531.51
93501	\$3,980.00	16	\$248.75	\$179.60	\$2,873.56	\$258.00	\$199.32	\$3,189.05
93503	\$8,056.00	23	\$350.26	\$252.89	\$5,816.43	\$205.00	\$158.37	\$3,642.53
93505	\$1,600.00	13	\$123.08	\$88.86	\$1,155.20	\$228.00	\$176.14	\$2,289.81

Total

\$988,738.40

\$957,042.64

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Naval Postgraduate School  
Monterey, CA 93943-5002
7. Dr. David C. Colby 1  
Physician Payment Review Commission  
2120 L Street, NW. Suite 510  
Washington, DC 20037
8. Mr. Fred E. Hammer 1  
Chief, Information Systems Division  
Office of Civilian Health and Medical  
Program of the Uniformed Services (OCHAMPUS)  
Aurora, CO 80045-6900